



UTILITIES CO.

A Subsidiary of MDU Resources Group, Inc.

400 North Fourth Street  
Bismarck, ND 58501  
701-222-7900

September 8, 2022

Executive Secretary  
North Dakota Public Service Commission  
State Capitol Building  
Bismarck, ND 58505

Re: Cost of Gas Adjustment (COG)  
Rate 88 and Rate 99  
Case No. PU-22-008

In accordance with North Dakota Century Code Section 49-05-05, Montana-Dakota Utilities Co. (Montana-Dakota) electronically submits a Cost of Gas (COG) change pursuant to the terms of Rates 88 and 99.

The Rate Summary Sheet (14<sup>th</sup> Revised Sheet No. 3) showing the proposed natural gas rates reflecting the COG effective October 1, 2022 along with currently effective distribution rates is provided in Exhibit 1. The net effect of this filing, calculated pursuant to the terms of Rate 88, is a decrease of \$0.198 per dk for residential customers and firm general customers, an increase of \$1.728 per dk for small and large interruptible customers, and an increase of \$1.632 per dk for Air Force interruptible customers.

Montana-Dakota purchases gas supplies under a number of contracts and secures transportation service over a number of pipelines for delivery of the natural gas purchased to Montana-Dakota's distribution system to meet the demands of its customers. The commodity cost of natural gas has increased \$1.226 per dk since the September 1, 2022 rates due to an increase in the overall commodity price of gas. There were changes in other costs resulted in an increase of \$0.038 per dk in North Dakota. In addition, this filing reflects the annual change in the surcharge adjustment, shown in Exhibit 6 to reflect a decrease of \$1.458, and the grain drying margin credit, shown in Exhibit 8 to reflect a decrease of \$0.004.

Montana-Dakota also purchases propane supplies from various wholesale suppliers for the propane service provided in Hettinger, North Dakota. The cost of propane has increased \$2.180 per dk since the cost established in the May 2022 PGA filing. In addition, this filing reflects the annual change in the grain drying margin credit, a decrease of \$0.004 per dk, for a net change of \$2.176 per dk.

The following Exhibits are provided in support of the COG rates to be effective October 1, 2022:

- Exhibit 2 summarizes the cost of gas adjustment, the surcharge adjustment, and the grain drying margin sharing adjustment calculated pursuant to the terms of Rate 88 that will apply during the month of October 2022.
- Exhibit 3, shows the calculation of the current gas cost adjustment that will be applicable to Montana-Dakota's customers for the month of October 2022 along with an explanation of the reasons for the decrease in the market price of gas. The average cost of gas for firm customers, adjusted for losses, is \$9.718 per dk.
- Exhibit 3a is marked as “Confidential” and contains confidential information regarding gas commodity pricing and is designated as Trade Secret in accordance with the Commission’s March 30, 2022 Order in Case No. PU-22-008. Exhibit 3a – Public Copy is included in this filing.
- Exhibit 4 provides a summary of the change in pipeline rates occurring since the October 2021 PGA filing submitted September 8, 2021 and a copy of applicable effective pipeline rates along with supporting workpapers.
- Exhibit 5 shows the calculation of the return on storage inventory balances and prepaid demand and commodity balances using the calculation procedure set forth in Rate 88. The overall rate of return of 6.851% applied to the balances was authorized by the Commission in Case No. PU-20-379.
- Exhibit 6 shows the calculation of the surcharge adjustment applicable to Montana-Dakota’s customers that will apply during the period October 1, 2022 through September 30, 2023.
- Exhibit 7 summarizes the cost of gas – propane calculated pursuant to the terms of Rate 99, which apply during the month of October 2022. The net effect of this filing is an increase of \$2.176 per dk for all customers from the currently effective rates as a result of the annual change in the surcharge and a change in cost of propane from that established in the May 2022 PGA filing. The average cost of propane for all customers, adjusted for losses, is \$16.340 per dk.
- Exhibit 8 shows the grain drying margin sharing provision pursuant to the terms of Rate 88. Ninety percent of the margin revenues collected from grain drying customers served under interruptible service rates will be credited to residential and firm general service customers through the COG. A credit of \$0.015 per dk will be applicable to all residential and general service customers due to the grain drying margin sharing provision for the period October 1, 2022 through September 30, 2023.

The COG changes, calculated in accordance with Rate 88 and Rate 99, will amount to a decrease of approximately \$13,100 for natural gas customers and an increase of approximately \$4,100 for propane customers during the month of October 2022. All Montana-Dakota's retail gas customers in North Dakota may be affected by this proposal. There were 111,782 natural gas customers and 333 propane customers in North Dakota as of August 31, 2022.

Please refer all inquiries regarding this filing to:

Mr. Travis R. Jacobson  
Director of Regulatory Affairs  
Montana-Dakota Utilities Co.  
400 North Fourth Street  
Bismarck, ND 58501

Also, please send copies of all written inquiries, correspondence and pleadings to:

Ms. Allison Waldon  
Attorney  
MDU Resources Group, Inc.  
P. O. Box 5650  
Bismarck, ND 58506-5650

Montana-Dakota will submit the \$50.00 filing fee following this filing.

Montana-Dakota respectfully requests this electronic filing, in lieu of an original and two (2) physical copies, be accepted as being in full compliance with the filing requirements of this Commission.

If you have any questions regarding this filing, please contact me at (701) 222-7855 or [travis.jacobson@mdu.com](mailto:travis.jacobson@mdu.com)

Sincerely,

*/s/ Travis R. Jacobson*

Travis R. Jacobson  
Director of Regulatory Affairs

Attachment

cc: A. Waldon

**RATE SUMMARY SHEET  
(PROPOSED)**



# Montana-Dakota Utilities Co.

400 N 4th Street  
Bismarck, ND 58501

## State of North Dakota Gas Rate Schedule

NDPSC Volume 8

14<sup>th</sup> Revised Sheet No. 3

Canceling 13<sup>th</sup> Revised Sheet No. 3

### RATE SUMMARY SHEET

Page 1 of 2

Rate Schedule	Sheet No.	Basic Service Charge	Distribution Delivery Charge	Rates 88 & 99 Cost of Gas	Total Rate/ Dk
Residential Rate 60	4	\$0.8244 per day	\$0.000	\$10.095	\$10.095
Air Force Rate 64 Minot Air Force Base PAR Site Firm Service Interruptible Service - PAR Interruptible Service - MAFB	7	\$2,000.00 per month \$175.00 per month	\$0.449 \$0.255 \$0.255	\$10.095 \$9.277 \$9.316	\$10.544 \$9.532 \$9.571
Firm General Service Rate 70 Meters rated < 500 cubic feet Meters rated > 500 cubic feet	13	\$0.75 per day \$2.13 per day	\$1.174 \$0.917	\$10.095 \$10.095	\$11.269 \$11.012
Small Interruptible Gas Rate 71	14	\$450.00 per month	(Maximum) \$0.566	\$9.277	(Maximum) \$9.843
Optional Seasonal Gas Service Rate 72 Meters rated < 500 cubic feet Meters rated > 500 cubic feet	15	\$0.75 per day \$2.13 per day	\$1.174 \$0.917	\$10.209 \$10.209	\$11.383 \$11.126
Contracted Demand Service Rate 74 Meters rated < 500 cubic feet Meters rated > 500 cubic feet	16	\$0.75 per day \$2.13 per day	(Demand Charge) \$8.000	(Capacity Charge) (COG/Dk)	\$10.650 \$9.724
Transportation Service Small Interruptible Rate 81 Maximum Minimum Large Interruptible Rate 82 Maximum Minimum	24	\$450.00 per month	\$0.566 \$0.102		\$0.566 \$0.102
Large Interruptible Gas Rate 85	27	\$1,600.00 per month	(Maximum) \$0.237	\$9.277	(Maximum) \$9.514
Residential Propane Rate 90	32	\$0.8244 per day	\$0.000	\$17.237	\$17.237
Firm General Propane Rate 92 Meters rated < 500 cubic feet Meters rated > 500 cubic feet	34	\$0.75 per day \$2.13 per day	\$1.174 \$0.917	\$17.237 \$17.237	\$18.411 \$18.154

**Date Filed:** September 8, 2022

**Effective Date:** Service rendered on and after October 1, 2022

**Issued By:** Travis R. Jacobson  
Director - Regulatory Affairs

**Case No.:** PU-22-008

MONTANA-DAKOTA UTILITIES CO.  
COST OF GAS TARIFF SHEET  
NORTH DAKOTA GAS  
EFFECTIVE OCTOBER 2022

	Firm			Small & Large Interruptible	Air Force Interruptible
	Residential & General Service	Optional Seasonal	Contracted Demand		
<b><u>Gas Cost Adjustment:</u></b>					
Gas Cost Level (Exhibit 3)	\$9.718	\$9.832	\$8.303	\$8.448	\$8.410
Prior Filed Gas Cost (Effective 9/1/2022)	<u>8.454</u>	<u>7.046</u>	<u>7.046</u>	<u>7.196</u>	<u>7.164</u>
Current Gas Cost Adjustment	\$1.264	\$2.786	\$1.257	\$1.252	\$1.246
<b><u>Surcharge Adjustment:</u></b>					
Current Adjustment (Exhibit 6)	\$0.392	\$0.392	\$1.436	\$0.829	\$0.906
Prior Filed Adjustment	<u>1.850</u>	<u>1.850</u>	<u>0.675</u>	<u>0.353</u>	<u>0.520</u>
Change in Surcharge Adjustment	(\$1.458)	(\$1.458)	\$0.761	\$0.476	\$0.386
Gas Cost Level	\$9.718	\$9.832	\$8.303	\$8.448	\$8.410
Plus: Surcharge	<u>0.392</u>	<u>0.392</u>	<u>1.436</u>	<u>0.829</u>	<u>0.906</u>
<b>Total Gas Cost Level in Tariff Rates</b>	<b><u>\$10.110</u></b>	<b><u>\$10.224</u></b>	<b><u>\$9.739</u></b>	<b><u>\$9.277</u></b>	<b><u>\$9.316</u></b>
<b><u>Grain Drying Margin Sharing</u></b>					
Current Adjustment	(\$0.015)	(\$0.015)	(\$0.015)	\$0.000	\$0.000
Prior Filed Gas Cost	<u>(0.011)</u>	<u>(0.011)</u>	<u>(0.011)</u>	<u>0.000</u>	<u>0.000</u>
Change in Grain Drying Sharing Margin	(\$0.004)	(\$0.004)	(\$0.004)	\$0.000	\$0.000
<b>Total Cost of Gas Billed</b>	<b><u>\$10.095</u></b>	<b><u>\$10.209</u></b>	<b><u>\$9.724</u></b>	<b><u>\$9.277</u></b>	<b><u>\$9.316</u></b>
<b>Net Increase (Decrease) in Gas Costs</b>	<b><u>(\$0.198)</u></b>	<b><u>\$1.324</u></b>	<b><u>\$2.014</u></b>	<b><u>\$1.728</u></b>	<b><u>\$1.632</u></b>

**MONTANA-DAKOTA UTILITIES CO.  
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA  
RESIDENTIAL AND GENERAL SERVICE  
EFFECTIVE OCTOBER 2022**

	<u>Amount</u>
<b>Total Gas Costs 1/</b>	\$160,760,921
<b>Dk Requirements - Firm 2/</b>	16,617,589
Average Cost of Gas per dk	\$9.674
Average Cost of Gas as Adjusted for Losses @ 99.55%	9.718
Less: Gas Cost Level in Rates 3/	<u>8.454</u>
<b>Current Gas Cost Adjustment</b>	<b><u><u>\$1.264</u></u></b>

- 1/ Includes all pipeline demand and commodity charges, see Exhibit 3a, page 1. See Exhibit 4 for currently effective pipeline rates. Also includes a return on prepaid demand, commodity and cycle storage balances as shown on Exhibit 5.
- 2/ Normalized dk sales for the twelve months ended June 30, 2022, adjusted for losses at .45%.
- 3/ Gas Cost Level in Current Tariff Rates Case No. PU-22-008 effective September 1, 2022:

Cost of Purchased Gas	\$8.416
Adjustment for Distribution Losses	99.55%
Gas Cost Level in Base Tariff Rates	\$8.454

**MONTANA-DAKOTA UTILITIES CO.  
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA  
NORTH DAKOTA - OPTIONAL SEASONAL - RATE 72  
EFFECTIVE OCTOBER 2022**

	<u>Amount</u>
<b>Total Gas Costs 1/</b>	\$160,760,921
Less: Annual MDDQ Costs (Excludes Storage Capacity Reservation)	<u>23,402,419</u>
Total Gas Costs excluding MDDQ	\$137,358,502
Firm Service Requirements 1/	16,617,589
Other Gas Costs per Dk (excluding MDDQ)	\$8.266
<u>Winter - October - May</u>	
Annual MDDQ Costs	23,402,419
Winter Firm Service Requirements	15,380,351
MDDQ Costs per Winter Dk	\$1.522
Add: Other Gas Costs per Dk	<u>8.266</u>
Winter Seasonal Rate	\$9.788
Winter Seasonal Rate, adjusted for losses 2/	\$9.832
Less: Gas Cost Level in Rates 3/	<u>7.046</u>
<b>Current Gas Cost Adjustment</b>	<b><u><u>\$2.786</u></u></b>

1/ Exhibit 3, page 1.

2/ Loss factor of 0.45%.

3/ Gas Cost Level in Current Tariff Rates Case No. PU-22-008 effective September 1, 2022:

	<u>Summer</u>
Cost of Purchased Gas	\$7.014
Adjustment for Distribution Losses	99.55%
Gas Cost Level in Base Tariff Rates	\$7.046

**MONTANA-DAKOTA UTILITIES CO.  
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA  
FIRM GENERAL CONTRACTED DEMAND  
EFFECTIVE OCTOBER 2022**

<u>Cost of Gas</u>	<u>Amount</u>
Total Gas Costs, Excluding Capacity 1/	\$137,358,502
Residential and General Service dk Requirements 2/	16,617,589
Average Cost of Gas per dk	\$8.266
Average Cost of Gas as Adjusted for Losses @ 99.55%	8.303
Less: Gas Cost Level in Rates 3/	<u>7.046</u>
<b>Current Gas Cost Adjustment</b>	<b><u><u>\$1.257</u></u></b>
<u>Capacity Charge</u>	
Current Monthly Capacity Charge 4/	\$10.65
Prior Filed Capacity Charge 3/	<u>10.60</u>
<b>Current Capacity Charge Adjustment</b>	<b><u><u>\$0.05</u></u></b>

- 1/ Includes all pipeline demand and commodity charges, see Exhibit 3, page 2. See Exhibit 4 for currently effective pipeline rates. Also includes a return on prepaid demand, commodity and cycle storage balances as shown on Exhibit 5.
- 2/ Normalized dk sales for the twelve months ended June 30, 2022, adjusted for losses at .45%.
- 3/ Gas Cost Level in Current Tariff Rates Case No. PU-22-008 effective September 1, 2022:

Cost of Purchased Gas	\$7.014
Adjustment for Distribution Losses	0.9955
Gas Cost Level in Base Tariff Rates	\$7.046
Monthly Capacity Charge	\$10.60

- 4/ Annual MDDQ Costs divided by contracted capacity.

**MONTANA-DAKOTA UTILITIES CO.  
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA  
INTERRUPTIBLE  
EFFECTIVE OCTOBER 2022**

	<u><b>Amount</b></u>
<b>Total Gas Costs 1/</b>	\$52,748,364
<b>Dk Requirements - Interruptible</b>	6,271,847
Average Cost of Gas per dk	\$8.410
Average Cost of Gas as Adjusted for Losses @ 99.55%	8.448
Less: Gas Cost Level in Rates 2/	<u>7.196</u>
<b>Current Gas Cost Adjustment</b>	<u><u><b>\$1.252</b></u></u>

1/ Includes all pipeline demand and commodity charges, see Exhibit 3, page 2. See Exhibit 4 for currently effective pipeline rates. Also includes a return on prepaid demand, commodity and cycle storage balances as shown on Exhibit 5.

2/ Gas Cost Level in Current Tariff Rates Case No. PU-22-008 effective September 1, 2022:

Cost of Purchased Gas	\$7.164
Adjustment for Distribution Losses	99.55%
Gas Cost Level in Base Tariff Rates	\$7.196

MONTANA-DAKOTA UTILITIES CO.  
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA  
AIR FORCE INTERRUPTIBLE  
EFFECTIVE OCTOBER 2022

	<u>Amount</u>
<b>Total Gas Costs</b> 1/	\$3,335,053
<b>Dk Requirements - Air Force Interruptible</b>	396,550
Average Cost of Gas per dk	\$8.410
Less: Gas Cost Level in Rates 2/	<u>7.164</u>
<b>Current Gas Cost Adjustment</b>	<b><u><u>\$1.246</u></u></b>

1/ Includes all pipeline demand and commodity charges, see Exhibit 3, page 2. See Exhibit 4 for currently effective pipeline rates. Also includes a return on prepaid demand, commodity and cycle storage balances as shown on Exhibit 5.

2/ Gas Cost Level in Current Tariff Rates Case No. PU-22-008 effective September 1, 2022:

Cost of Purchased Gas	\$7.164
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**MONTANA-DAKOTA UTILITIES CO.  
SUMMARY OF FIRM DK DELIVERIES, CAPACITY AND  
CALCULATION OF INTERRUPTIBLE DEMAND  
EFFECTIVE OCTOBER 2022**

	Normalized Firm Dk Deliveries 1/	Percent Firm
Montana	10,126,880	27.712855%
North Dakota	16,617,589	45.475096%
South Dakota	7,110,799	19.459156%
Wyoming	2,686,907	7.352893%
Total	<u>36,542,175</u>	<u>100.000000%</u>

	Total Capacity 2/	%
Montana	127,636	29.819545%
North Dakota	183,065	42.769398%
South Dakota	83,585	19.527928%
Wyoming	33,742	7.883129%
Total	<u>428,028</u>	<u>100.000000%</u>

**INTERRUPTIBLE**

	Dk volumes	100% Load Factor MDDQ
Montana	3,716,416 3/	10,182
North Dakota	6,271,847 4/	17,183
ND AFB	396,550 5/	1,086
South Dakota	1,731,859 6/	4,745
Wyoming	2,737,179 7/	7,499
Total	<u>14,853,851</u>	<u>40,695</u>

1/ Normalized firm sales volumes for the twelve months ended June 30, 2022, adjusted for losses.

2/ Required capacity reservation.

3/ Reflects level of interruptible dk volumes included in Docket No. 2020.06.076

4/ Reflects level of interruptible dk volumes included in Case No. PU-20-379, excluding the Air Force.

5/ Reflects level of interruptible dk for Minot Air Force Base in Case No. PU-20-379.

6/ Reflects level of interruptible dk volumes included in Docket No. NG15-005.

7/ Reflects level of interruptible dk volumes included in Docket No. 30013-351-GR-19.

	Loss Factors	Inverse
Montana	0.72%	99.28%
North Dakota	0.45%	99.55%
South Dakota	1.00%	99.00%
Wyoming	0.68%	99.32%

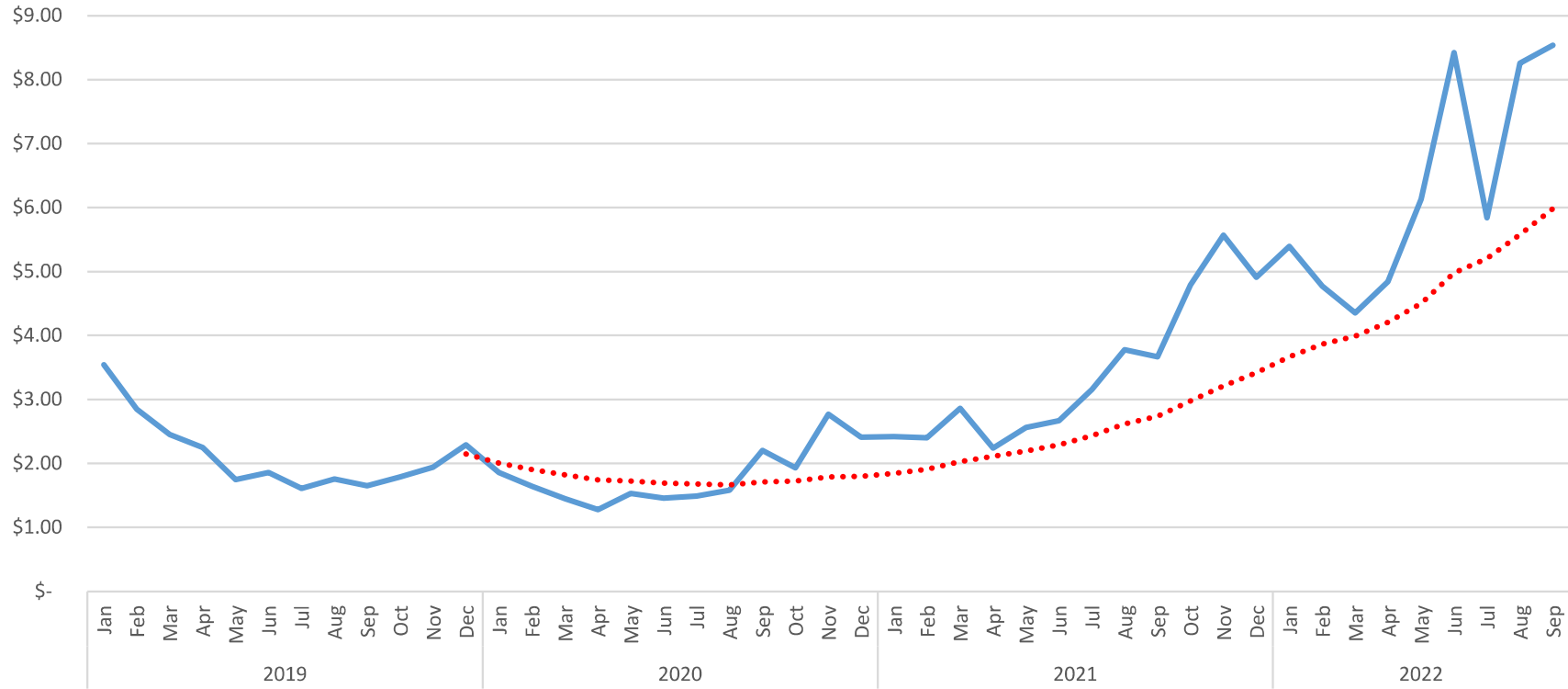
**Montana-Dakota Utilities Co.  
Market Conditions for Regional Natural Gas  
October 2022**

The established monthly price for Rocky Mountain CIG Index for this month expected to decrease by \$0.37/MMBTU to \$8.17/MMBTU in October 2022 from \$8.54/MMBTU in September 2022. The CIG Rocky Mountain Index is based on a price discovery survey by several natural gas periodicals, including “Inside FERC Gas Market” report and “Gas Daily” by McGraw-Hill Companies, of prices paid by willing sellers and buyers of quantities of gas in that region. That price is reflective of natural gas prices in the Rocky Mountain region and indicative of the supplies Montana-Dakota purchases for its requirements.

The EIA reported nationwide storage levels as of August 26, 2022 at 11.3 percent below the five-year average and 7.9 percent below last year’s balance.

The Department of Energy’s (DOE) Energy Information Administration (EIA) provides various publications on energy issues. The information is available on the DOE website: <http://www.eia.doe.gov>.

### CIG Rocky Mountains Index Monthly Gas Prices \$/MMBTU



From Inside FERC Gas Market Report

• • • 12-Month Rolling Average

#### Annual Averages

2019	\$	2.15
2020	\$	1.80
2021	\$	3.42
2022	\$	6.28

**MONTANA-DAKOTA UTILITIES CO.  
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA  
NORTH DAKOTA GAS UTILITY  
EFFECTIVE OCTOBER 2022**

	<u>Requirements</u>	<u>Per Unit Cost</u>	<u>Amount</u>
<b><u>RESIDENTIAL AND GENERAL SERVICE</u></b>			
<i>Demand Costs - MDDQ</i>	183,065		
<i>Transportation &amp; Storage Costs - Dk</i>	16,617,589		
<i>Commodity Costs - Dk</i>	16,617,589		
<b><i>Return on Rate Base</i></b>			
Demand Charges			\$105,581
Prepaid Commodity Balances			35,536
Cycle Storage Balances			525,828
<b><i>Total Return</i></b>			<u>\$666,945</u>
<b><i>Total Gas Costs - North Dakota only</i></b>			<u>\$160,760,921</u>
<b><u>INTERRUPTIBLE</u></b>			
<i>Demand Costs - MDDQ</i>	17,183		
<i>Transportation &amp; Storage Costs - Dk</i>	6,271,847		
<i>Commodity Costs - Dk</i>	6,271,847		
<b><i>Return on Rate Base</i></b>			
Demand Charges			\$9,910
Prepaid Commodity Balances			3,336
Cycle Storage Balances			49,356
<b><i>Total Return</i></b>			<u>\$62,602</u>
<b><i>Total Gas Costs - North Dakota only</i></b>			<u>\$52,748,364</u>
<b><u>AIR FORCE INTERRUPTIBLE</u></b>			
<i>Demand Costs - MDDQ</i>	1,086		
<i>Transportation &amp; Storage Costs - Dk</i>	396,550		
<i>Commodity Costs - Dk</i>	396,550		
<b><i>Return on Rate Base</i></b>			
Demand Charges			\$626
Prepaid Commodity Balances			211
Cycle Storage Balances			3,119
<b><i>Total Return</i></b>			<u>\$3,956</u>
<b><i>Total Gas Costs - North Dakota only</i></b>			<u>\$3,335,053</u>

**MONTANA-DAKOTA UTILITIES CO.  
COMPUTATION OF CURRENT GAS COST ADJUSTMENT  
TOTAL SYSTEM COSTS  
EFFECTIVE OCTOBER 2022**

	<u>Quantity</u>		<u>Tariff Rate</u>	<u>Amount</u>
<b>System Demand Charges</b>				
<b>Transportation Capacity Reservation (MDDQ)</b>				
WBI FT-1	359,498	dk/Month	\$9.84165	\$42,456,642
WBI FT-1 (Valley Exp)		dk/Month	18.90563	
WBI FT-1 (Black Hills Exp)		dk/Month	12.10920	
WBI (Capacity Release)			1/	
NW T-FTG-1		dk/Month	10.18282	
Black Hills Gas		dk/Month	0.05325	
South Dakota Interstate Pipeline		dk/Month	10.97269	
<b>Supplemental Transportation Capacity Reservation (MDDQ)</b>				
Northern Border et. al.		dk/Month	11.17810	
Viking Gas Transmission		dk/Month	3.80600	
Viking Gas Transmission (Release) 2/		dk/Month	5.19000	
<b>Storage Capacity Reservation (MDDQ)</b>				
WBI FTN-1		dk/Month	0.27069	
WBI FS-1 Capacity Reservation		dk/Month	0.02347	
WBI FS-1 Deliverability Reservation		dk/Month	2.06592	
<b>Total System Contracted Capacity</b>		<b>MDDQ</b>		<b>\$63,798,187</b>
<b>System Commodity Charges</b>				
<b>Transportation Charges</b>				
WBI FT-1 Commodity		dk	\$0.02627	
WBI FT-1 Commodity (Black Hills Exp)		dk	0.00150	
NW T-FTG-1 Commodity		dk	0.06734	
Black Hills Gas Commodity		dk	0.54000	
Viking Gas Transmission		dk	0.01510	
<b>Fuel Charges</b>				
WBI - Fuel - Transportation		dk		
NW - Fuel - Transportation		dk		
NB - Fuel - Transportation		dk		
WBI - Electric Power		dk	0.00722	
<b>Storage Charges</b>				
WBI FS-1 Injection		dk	0.01000	
WBI FS-1 Withdrawal		dk	0.01000	
WBI - Fuel - Storage		dk		
WBI - Electric Power		dk	(0.00091)	
<b>Subtotal - Transportation Costs</b>		<b>dk</b>		
<b>Gas Commodity Charges</b>				
Gas Commodity		<b>dk</b>		
<b>Total System Commodity Cost of Gas</b>	<b>36,542,175</b>	<b>dk</b>		<b>\$292,049,949</b>

1/ Capacity release estimated based on actual releases for the 12 months ending July 2022.

2/ Capacity release for November 2021 - October 2022.

**MONTANA-DAKOTA UTILITIES CO.  
SUMMARY OF PIPELINE RATES**

**Pipeline Rate Changes Since The October 2021 Filing Submitted**

NOVA Gas Transmission Ltd.

On June 27, 2022, NGTL filed revised final rates for the Canada Energy Regulator (CER) to be effective July 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: 0.0 cents per dk for North Dakota.

NorthWestern Energy Docket No. 2021.07.098

On June 20, 2022, NorthWestern Energy filed its 2022 Electric and Natural Gas Tax Tracker filing in Docket No. 2021.07.098 to be effective July 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: 0.0 cents per dk for North Dakota.

NOVA Gas Transmission Ltd.

On May 30, 2022, NGTL filed revised final rates for the Canada Energy Regulator (CER) to be effective June 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: 0.000 cents per dk for North Dakota.

Black Hills Energy Docket No. 30026-56-GA-22

On March 1, 2022, Black Hills Wyoming Gas filed to revise its fuel and lost and unaccounted for gas percentages Docket No. 30026-56-GA-22 to be effective June 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: 0.0 cents per dk for North Dakota.

NOVA Gas Transmission Ltd.

On April 29, 2022, NGTL filed revised interim rates for the Canada Energy Regulator (CER) to be effective May 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: 0.0 cents per dk for North Dakota.

WBI Energy Transmission Inc. Docket No. RP22-661-000

On March 28, 2022, WBI Energy Transmission filed its Annual Fuel and Electric Power Reimbursement Adjustment in Docket No. RP22-661-000 to be effective April 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: (0.016) cents per dk for North Dakota.

Viking Gas Transmission Co. Docket No.

On February 25, 2022, Viking Gas Transmission Co. filed its Semi-Annual adjustment to its fuel and loss retention percentages in Docket No. RP22-595-000 to be effective April 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: 0.0 cents per dk for North Dakota.

NOVA Gas Transmission Ltd.

On March 31, 2022, TransCanada filed new interim rates for the Alberta System with the National Energy Board (NEB) to be effective April 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: 0.0 cents per dk for North Dakota.

NorthWestern Energy Docket No. 2020.07.083

On February 22, 2022, NorthWestern Energy filed its 2022 Electric and Natural Gas Tax Tracker filing in Docket No. 2020.07.083 to be effective March 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: 0.0 cents per dk for North Dakota.

Foothills Pipe Lines Ltd.

On October 1, 2021, TransCanada filed new rates for the Foothills Pipe Lines Ltd. System with the National Energy Board (NEB) to be effective January 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: 0.4 cents per dk for North Dakota.

NOVA Gas Transmission Ltd.

On October 28, 2021, TransCanada filed new interim rates for the Alberta System with the National Energy Board (NEB) to be effective January 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: 0.0 cents per dk for North Dakota.

NorthWestern Energy Docket No. 2021.11.129

On December 20, 2021, NorthWestern Energy filed its 2022 Electric and Natural Gas Tax Tracker filing in Docket No. 2021.11.129 to be effective January 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: 0.0 cents per dk for North Dakota.

NOVA Gas Transmission Ltd.

MDU has renewed its NOVA Transportation Agreement that expired December 31, 2021. The new contract is a 3 year term agreement expiring December 31, 2024, with a discount on the NOVA transport of 95% of the full rate.

Approximate impact on Montana-Dakota's cost of gas: 0.0 cents per dk for North Dakota.

Viking Gas Transmission Co. Docket No.

On October 29, 2021, Viking Gas Transmission Co. filed its Semi-Annual adjustment to its fuel and loss retention percentages in Docket No. RP22-4-000 to be effective November 1, 2021.

Approximate impact on Montana-Dakota's cost of gas: 0.0 cents per dk for North Dakota.

WBI Energy Transmission Inc. Docket No. RP21-1071-000

On March 24, 2021, WBI Energy Transmission filed its Annual Fuel and Electric Power Reimbursement Adjustment in Docket No. RP21-1071-000 to be effective October 1, 2021.

Approximate impact on Montana-Dakota's cost of gas: 0.0 cents per dk for North Dakota.

**Pipeline Rate Calculations**

Calculation of Northern Border Et Al Rate - Exhibit 4, page 4

Calculation of Northwestern Energy Demand and Commodity Charges - Exhibit 4, page 5

Calculation of South Dakota Intrastate Pipeline Transportation Charges - Exhibit 4, page 6

Calculation of Black Hills Gas Transportation Charges - Exhibit 4, page 7

**Schedule Of Applicable Effective Pipeline Rates**

WBI Energy Transmission, Inc. - Exhibit 4, pages 8 - 13 for Schedules FT-1, FT-1 (Valley Expansion), FTN-1, and FS-1.

Northern Border Pipeline Company - Exhibit 4, page 14 for Schedule T-1.

Foothills Pipe Lines, Ltd. - Billed on a cost of service basis so there are no tariff sheets.

NOVA Gas Transmission - Exhibit 4, pages 15-16 for Schedule FT-D.

NorthWestern Energy - Exhibit 4, page 17 for Schedule T-FTG-1.

South Dakota Intrastate Pipeline - Exhibit 4, page 18 for Rate 1.

Black Hills Gas Distribution, LLC - Exhibit 4, Page 19 for Schedule TC.

Viking Gas Transmission Company - Exhibit 4, Page 20 - 21 for Category 3 FT-A.

**MONTANA-DAKOTA UTILITIES CO.  
CALCULATION OF NORTHERN BORDER ET AL RATE  
EFFECTIVE OCTOBER 2022**

**Northern Border 1/**

Monchy to Mina Mileage	506.0943
Maximum Rate (Daily)	<u>\$0.0245</u>
Maximum Rate Per 100 Miles	\$0.1240

**Foothills (FT) Zone 9**

Rate (Canadian GJ/d) 2/	\$0.1270
GJ/d conversion to MMBtu	1.0551
Currency Exchange Rate 3/	<u>0.7595</u>
	0.1018

**NOVA - FT-D**

Demand Rate (Canadian GJ/d) 4/	\$0.1768
GJ/d conversion to MMBtu	1.0551
Currency Exchange Rate 3/	<u>0.7595</u>
	0.1417

<b>Northern Border Et Al Rate (dk/Day)</b>	<u><u>\$0.3675</u></u>
--	------------------------

<b>Northern Border Et Al Rate (dk/Month)</b>	<u><u>\$11.1781</u></u>
--	-------------------------

- 1/ T-1 & T-1B Daily Reservation Rate, Port of Morgan, MT to Ventura, IA effective January 1, 2020. See Exhibit 4, page 14.
- 2/ Rate Schedule FT, Firm Service Zone 9, rates effective January 1, 2022.
- 3/ Exchange rate per Sept 1, 2022 Gas Daily.
- 4/ FT-D Demand Rate per Month, Empress/McNeill Border, rates effective July 1, 2022 (expressed as a daily rate). Includes a 5% discount rate based on contract expiring 12/31/2024. See Exhibit 4, page 15-16.

**MONTANA-DAKOTA UTILITIES CO.  
NORTHWESTERN ENERGY DEMAND AND COMMODITY CHARGES  
EFFECTIVE OCTOBER 2022**

<u>Demand:</u>	<u>Billing Determinants</u>	<u>Rate</u>	<u>Annual Charge</u>
Monthly Meter Charges 1/	12	\$393.75	\$4,725
MDDQ 2/	10,700	10.146022	1,302,749
			<u>1,307,474</u>
Demand charge per dk			<u><u>\$10.18282</u></u>
<u>Commodity: 3/</u>			\$0.06734

1/ One meter rated at >30,000 cubic feet per hour.

2/ Firm Transportation Reservation Rate (T-FTG-1), see Exhibit 4, page 17.  
60th Revised Sheet No. 80.1, effective July 1, 2022.

3/ Firm Transmission Commodity Rate (T-FTG-1)  
60th Revised Sheet No. 80.1, effective July 1, 2022.

Transportation (max)	\$0.059293
GTAC	0.008050
Total T-FTG-1 Rate (max)	<u><u>\$0.067343</u></u>

**MONTANA-DAKOTA UTILITIES CO.  
SOUTH DAKOTA INTRASTATE PIPELINE TRANSPORTATION CHARGES  
EFFECTIVE OCTOBER 2022**

<u>Demand:</u>	<u>Monthly Rate 1/</u>	<u>Daily Capacity 2/</u>	<u>Total</u>
MDDQ	\$170,620.58		
Estimated Interruptible Credit 3/	<u>(46,300.00)</u>		
	124,320.58	11,330	\$10.97269

1/ SD Intrastate Pipeline 2nd Revised Sheet No. 1 effective November 1, 2019 through August 31, 2023, see Exhibit 4, page 18.

2/ The design day Dk for Montana-Dakota Utilities Co. on Firm Transportation Service. Design day volumes are not the total pipeline capacity. However, Montana-Dakota is the only firm customer on SDIP, therefore Montana-Dakota is contracted to pay the full monthly rate.

3/ Revenue credit based on average of the actual credits received for the 12 months ending July 2022.

**MONTANA-DAKOTA UTILITIES CO.  
BLACK HILLS GAS TRANSPORTATION CHARGES  
EFFECTIVE OCTOBER 2022**

<u>Demand:</u>	<u>Billing Determinants</u>	<u>Rate</u>	<u>Total</u>
Administrative Fee 1/	12	\$213	\$2,556
Demand charge per dk/Month	4,000		<u>\$0.05325</u>
<u>Commodity: 2/</u>			
Transportation			<u>\$0.5400</u>

1/ One meter @ \$114/meter and Off-system Firm Transport fee @ \$99/meter. Black Hills WY Gas Section B, Sixth Sheet No. 11, see Exhibit 4, page 19.

2/ Discount Agreement for Montana-Dakota Utilities Co. on Firm Transportation Service Agreement #6001587 effective November 1, 2020 through October 31, 2022.

NOTICE OF CURRENTLY EFFECTIVE RATES

(ALL RATES ARE STATED IN CENTS PER DEKATHERM OR EQUIVALENT DEKATHERM AS INDICATED)

RATE SCHEDULE	UNIT	BASE TARIFF RATE	TOP THROUGHPUT SURCHARGE	GAS SUPPLY REALIGNMENT SURCHARGE	BASE TARIFF RATE PLUS SURCHARGES
-----					
RATE SCHEDULE FT-1					
-----					
RESERVATION CHARGE					
MAXIMUM DAILY DELIVERY QUANTITY (MDDQ)					
MAXIMUM	RATE PER EQV. DKT PER MO.	984.165	N.A.	N.A.	984.165
MINIMUM	RATE PER EQV. DKT PER MO	0.000	N.A.	N.A.	0.000
COMMODITY CHARGE					
MAXIMUM A/B/C/	RATE PER DKT	2.477	N.A.	N.A.	2.477
MINIMUM A/B/C/	RATE PER DKT	2.477	N.A.	N.A.	2.477
SCHEDULED OVERRUN CHARGE					
MAXIMUM A/B/C/	RATE PER DKT	34.367	N.A.	N.A.	34.367
MINIMUM A/B/C/	RATE PER DKT	2.477	N.A.	N.A.	2.477
VOLUMETRIC CAPACITY RELEASE CHARGE					
MAXIMUM	RATE PER DKT	32.356	N.A.	N.A.	32.356
MINIMUM	RATE PER DKT	0.000	N.A.	N.A.	0.000

- 
- A/ SHIPPER MUST REIMBURSE TRANSPORTER IN-KIND FOR TRANSPORTATION FUEL USE AND LOST AND UNACCOUNTED FOR GAS. THE APPLICABLE PERCENTAGES ARE REFLECTED ON SHEET NO. 21A. THESE PERCENTAGES SHALL BE APPLIED TO THE APPLICABLE QUANTITIES OF GAS TENDERED TO TRANSPORTER FOR SHIPPER'S ACCOUNT AT THE RECEIPT POINT(S) INTO TRANSPORTER'S TRANSMISSION FACILITIES.
  - B/ SHIPPER MUST REIMBURSE TRANSPORTER FOR ELECTRIC POWER USED FOR TRANSPORTATION. THE APPLICABLE RATE IS REFLECTED ON SHEET NO. 21B. THIS RATE SHALL BE APPLIED TO THE APPLICABLE QUANTITIES OF GAS TENDERED TO TRANSPORTER FOR SHIPPER'S ACCOUNT AT THE RECEIPT POINT(S) INTO TRANSPORTER'S TRANSMISSION FACILITIES.
  - C/ SHIPPER MUST REIMBURSE TRANSPORTER FOR THE ACA SURCHARGE. SUCH SURCHARGE SHALL BE THE ACA UNIT CHARGE SPECIFIED IN THE ANNUAL NOTICE ISSUED BY THE FERC ENTITLED "FY [YEAR] GAS ANNUAL CHARGES CORRECTION FOR ANNUAL CHARGES UNIT CHARGE."

NOTICE OF CURRENTLY EFFECTIVE RATES

(ALL RATES ARE STATED IN CENTS PER DEKATHERM OR EQUIVALENT DEKATHERM AS INDICATED)

RATE SCHEDULE	UNIT	BASE TARIFF RATE	TOP THROUGHPUT SURCHARGE	GAS SUPPLY REALIGNMENT SURCHARGE	BASE TARIFF RATE PLUS SURCHARGES
-----					
RATE SCHEDULE FT-1 (VALLEY EXPANSION) A/B					
-----					
RESERVATION CHARGE					
MAXIMUM DAILY DELIVERY QUANTITY (MDDQ)					
MAXIMUM	RATE PER EQV. DKT PER MO.	1890.563	N.A.	N.A.	1890.563
MINIMUM	RATE PER EQV. DKT PER MO.	0.000	N.A.	N.A.	0.000
COMMODITY CHARGE					
MAXIMUM C/D/E/	RATE PER DKT	2.477	N.A.	N.A.	2.477
MINIMUM C/D/E/	RATE PER DKT	2.477	N.A.	N.A.	2.477
SCHEDULED OVERRUN CHARGE					
MAXIMUM C/D/E/	RATE PER DKT	34.367	N.A.	N.A.	34.367
MINIMUM C/D/E/	RATE PER DKT	2.477	N.A.	N.A.	2.477
VOLUMETRIC CAPACITY RELEASE CHARGE					
MAXIMUM	RATE PER DKT	62.155	N.A.	N.A.	62.155
MINIMUM	RATE PER DKT	0.000	N.A.	N.A.	0.000

- 
- A/ APPLICABLE ONLY FOR INCREMENTAL CAPACITY CERTIFICATED IN DOCKET NO. CP17-257-000.
  - B/ REFER TO RATE SCHEDULE FT-1 FIRM TRANSPORTATION SERVICE FOR ALL TERMS AND CONDITIONS OF SERVICE.
  - C/ SHIPPER MUST REIMBURSE TRANSPORTER IN-KIND FOR TRANSPORTATION FUEL USE AND LOST AND UNACCOUNTED FOR GAS. THE APPLICABLE PERCENTAGES ARE REFLECTED ON SHEET NO. 21A. THESE PERCENTAGES SHALL BE APPLIED TO THE APPLICABLE QUANTITIES OF GAS TENDERED TO TRANSPORTER FOR SHIPPER'S ACCOUNT AT THE RECEIPT POINT(S) INTO TRANSPORTER'S TRANSMISSION FACILITIES.
  - D/ SHIPPER MUST REIMBURSE TRANSPORTER FOR ELECTRIC POWER USED FOR TRANSPORTATION. THE APPLICABLE RATE IS REFLECTED ON SHEET NO. 21B. THIS RATE SHALL BE APPLIED TO THE APPLICABLE QUANTITIES OF GAS TENDERED TO TRANSPORTER FOR SHIPPER'S ACCOUNT AT THE RECEIPT POINT(S) INTO TRANSPORTER'S TRANSMISSION FACILITIES.
  - E/ SHIPPER MUST REIMBURSE TRANSPORTER FOR THE ACA SURCHARGE. SUCH SURCHARGE SHALL BE THE ACA UNIT CHARGE SPECIFIED IN THE ANNUAL NOTICE ISSUED BY THE FERC ENTITLED "FY [YEAR] GAS ANNUAL CHARGES CORRECTION FOR ANNUAL CHARGES UNIT CHARGE."

NOTICE OF CURRENTLY EFFECTIVE RATES

(ALL RATES ARE STATED IN CENTS PER DEKATHERM OR EQUIVALENT DEKATHERM AS INDICATED)

RATE SCHEDULE	UNIT	BASE TARIFF RATE	TOP THROUGHPUT SURCHARGE	GAS SUPPLY REALIGNMENT SURCHARGE	BASE TARIFF RATE PLUS SURCHARGES
-----					
RATE SCHEDULE FTN-1					
-----					
RESERVATION CHARGE					
MAXIMUM DAILY DELIVERY QUANTITY (MDDQ)					
MAXIMUM	RATE PER EQV. DKT PER MO.	27.069	N.A.	N.A.	27.069
MINIMUM	RATE PER EQV. DKT PER MO.	1.203	N.A.	N.A.	1.203
VOLUMETRIC CAPACITY RELEASE CHARGE					
MAXIMUM	RATE PER DKT	0.890	N.A.	N.A.	0.890
MINIMUM	RATE PER DKT	0.040	N.A.	N.A.	0.040

NOTICE OF CURRENTLY EFFECTIVE RATES

(ALL RATES ARE STATED IN CENTS PER DEKATHERM OR EQUIVALENT DEKATHERM AS INDICATED)

RATE SCHEDULE	UNIT	BASE TARIFF RATE	TOP THROUGHPUT SURCHARGE	GAS SUPPLY REALIGNMENT SURCHARGE	BASE TARIFF RATE PLUS SURCHARGES
-----					
RATE SCHEDULE FS-1					
-----					
CAPACITY RESERVATION CHARGE					
MAXIMUM	RATE PER EQV. DKT PER MO.	2.347	N.A.	N.A.	2.347
MINIMUM	RATE PER EQV. DKT PER MO.	0.000	N.A.	N.A.	0.000
CAPACITY DELIVERABILITY CHARGE					
MAXIMUM	RATE PER EQV. DKT PER MO.	206.592	N.A.	N.A.	206.592
MINIMUM	RATE PER EQV. DKT PER MO.	0.000	N.A.	N.A.	0.000
INJECTION CHARGE					
MAXIMUM A/B/	RATE PER DKT	1.000	N.A.	N.A.	1.000
MINIMUM A/B/	RATE PER DKT	1.000	N.A.	N.A.	1.000
WITHDRAWAL CHARGE					
MAXIMUM A/B/	RATE PER DKT	1.000	N.A.	N.A.	1.000
MINIMUM A/B/	RATE PER DKT	1.000	N.A.	N.A.	1.000
SCHEDULED OVERRUN CHARGE					
INJECTION					
MAXIMUM A/B/	RATE PER DKT	25.644	N.A.	N.A.	25.644
MINIMUM A/B/	RATE PER DKT	1.000	N.A.	N.A.	1.000
WITHDRAWAL					
MAXIMUM A/B/	RATE PER DKT	25.644	N.A.	N.A.	25.644
MINIMUM A/B/	RATE PER DKT	1.000	N.A.	N.A.	1.000

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- A/ SHIPPER MUST REIMBURSE TRANSPORTER IN-KIND FOR STORAGE FUEL USE AND LOST AND UNACCOUNTED FOR GAS. THE APPLICABLE PERCENTAGES ARE REFLECTED ON SHEET NO. 21A. THESE PERCENTAGES SHALL BE APPLIED TO THE APPLICABLE QUANTITIES OF GAS INJECTED AND/OR WITHDRAWN BY TRANSPORTER FOR SHIPPER'S ACCOUNT AT TRANSPORTER'S STORAGE FACILITIES.
- B/ SHIPPER MUST REIMBURSE TRANSPORTER FOR ELECTRIC POWER USED FOR STORAGE. THE APPLICABLE RATE IS REFLECTED ON SHEET NO. 21B. THIS RATE SHALL BE APPLIED TO THE APPLICABLE QUANTITIES OF GAS INJECTED AND/OR WITHDRAWN BY TRANSPORTER FOR SHIPPER'S ACCOUNT AT TRANSPORTER'S STORAGE FACILITIES.

NOTICE OF CURRENTLY EFFECTIVE RATES

-----  
 FUEL USE AND LOST AND UNACCOUNTED FOR GAS ("L&U") REIMBURSEMENT PERCENTAGES

TRANSPORTATION - RATE SCHEDULES FT-1 AND IT-1

	<u>CURRENT PERCENTAGE</u>	<u>DEFERRAL PERCENTAGE</u>	<u>TOTAL PERCENTAGE</u>
FUEL USE REIMBURSEMENT	1.105%	(0.052)%	1.053%
L&U REIMBURSEMENT	0.527%	0.166%	0.693%

STORAGE - RATE SCHEDULES FS-1 AND IS-1

	<u>CURRENT PERCENTAGE</u>	<u>DEFERRAL PERCENTAGE</u>	<u>TOTAL PERCENTAGE</u>
FUEL USE REIMBURSEMENT	0.077%	0.112%	0.189%
L&U REIMBURSEMENT	0.080%	(0.222)%	(0.142)%

Effective On: April 1, 2022

NOTICE OF CURRENTLY EFFECTIVE RATES

-----  
ELECTRIC POWER REIMBURSEMENT RATES (CENTS/DKT)

TRANSPORTATION - RATE SCHEDULES FT-1 AND IT-1

	<u>CURRENT RATE</u>	<u>DEFERRAL RATE</u>	<u>TOTAL RATE</u>
ELECTRIC POWER REIMBURSEMENT	0.736	(0.014)	0.722

STORAGE - RATE SCHEDULES FS-1 AND IS-1

	<u>CURRENT RATE</u>	<u>DEFERRAL RATE</u>	<u>TOTAL RATE</u>
ELECTRIC POWER REIMBURSEMENT	0.000	(0.091)	(0.091)

STATEMENT OF RATES

Rate Schedule -----	Long-Term Base Tariff Rate (per 100 Dth-Miles) 1/ -----
T-1 and T-1B	
Daily Reservation Rate - Port of Morgan, MT to Ventura, IA	
Maximum	\$0.0245
Minimum	\$0.0000
Daily Reservation Rate - Ventura, IA to North Hayden, IN	
Maximum	\$0.0263
Minimum	\$0.0000
Commodity Rate - Port of Morgan, MT to North Hayden, IN	
Maximum	\$0.0004
Minimum	\$0.0004

1/ Applicable to any Rate Schedule T-1 U.S. Shippers Service Agreement or any Rate Schedule T-1B Service Agreement with a primary term of at least twelve consecutive months.

**TABLE OF RATES, TOLLS AND CHARGES**

Service	Rates, Tolls and Charges		
1. Rate Schedule FT-R	Refer to Attachment "1" for applicable FT-R Demand Rate per month based on a three-year term (Price Point "B") & Surcharge for each Receipt Point Average Firm Service Receipt Price (AFSRP) \$257.73 / 10 <sup>3</sup> m <sup>3</sup> / month		
2. Rate Schedule FT-RN	Refer to Attachment "1" for applicable FT-RN Demand Rate per month & Surcharge for each Receipt Point		
3. Rate Schedule FT-D <sup>1</sup>	Refer to Attachment "2" for applicable FT-D Demand Rate per month based on a one-year term (Price Point "Z") & Surcharge for each Group 1 or Group 2 Delivery Point Average FT-D Demand Rate for Group 1 Delivery Points \$5.87 / GJ / month FT-D Demand Rate for Group 2 Delivery Points \$8.10 / GJ / month FT-D Demand Rate for Group 3 Delivery Points \$9.71 / GJ / month		
4. Rate Schedule STFT	STFT Bid Price = Minimum of 100% of the applicable FT-D Demand Rate based on a one-year term (Price Point "Z") for each Group 1 Delivery Point		
5. Rate Schedule FT-DW	FT-DW Bid Price = Minimum of 125% of the applicable FT-D Demand Rate based on a three-year term (Price Point "Y") for each Group 1 Delivery Point		
6. Rate Schedule FT-P <sup>1</sup>	Refer to Attachment "3" for applicable FT-P Demand Rate per month		
7. Rate Schedule IT-R	Refer to Attachment "1" for applicable IT-R Rate for each Receipt Point		
8. Rate Schedule IT-D <sup>1</sup>	Refer to Attachment "2" for applicable IT-D Rate for each Delivery Point		
9. Rate Schedule FCS	The FCS Charge is determined in accordance with Attachment "1" to the applicable Schedule of Service		
10. Rate Schedule PT	<u>Schedule No.</u>	<u>PT Rate</u>	<u>PT Gas Rate</u>
	9021-01000-0	\$1,074 / day	3.5 / 10 <sup>3</sup> m <sup>3</sup> / day
	9021-01000-1	\$3,399 / day	11.9 / 10 <sup>3</sup> m <sup>3</sup> / day
	9022-01000-0	\$1,356 / day	3.46 / 10 <sup>3</sup> m <sup>3</sup> / day
	9022-01001-0	\$2,442 / day	11.01 / 10 <sup>3</sup> m <sup>3</sup> / day
	9022-01002-0	\$3,147 / day	14.46 / 10 <sup>3</sup> m <sup>3</sup> / day
11. Rate Schedule OS	<u>Schedule No.</u>	<u>Charge</u>	
	2021800034	\$121.87 / 10 <sup>3</sup> m <sup>3</sup> / month	
	2021802934	\$662 / month	
	2003004522	Applicable IT-R and IT-D Rate	
	2011476052 /	\$0.2663 / GJ subject to	
	2011476054	\$717,000 Minimum Annual Charge	
	2017887638 / 2011476092	\$0.095 / GJ and	
	2016721799 / 2016759254	\$1,000 / month	
	2021735873	\$7.29 / GJ / month and Applicable IT-D Rate on Over-Run	
12. Rate Schedule CO <sub>2</sub>	Tier	<u>1</u>	<u>2</u>
	CO <sub>2</sub> Rate ( / 10 <sup>3</sup> m <sup>3</sup> )	\$601.10	\$475.72
			<u>3</u>
			\$310.51
13. Monthly Abandonment Surcharge <sup>2</sup>		\$7.21 / 10 <sup>3</sup> m <sup>3</sup> / month	\$0.19 / GJ / month
14. Daily Abandonment Surcharge <sup>3</sup>		\$0.24 / 10 <sup>3</sup> m <sup>3</sup> / day	\$0.0063 / GJ / day
15. Federal Fuel Charge <sup>4</sup>	Marketable Natural Gas <sup>5</sup>		\$0.0979 / m <sup>3</sup>

- Service under Rate Schedules FT-D, FT-P and IT-D for delivery stations identified in Attachment 2, and Rate Schedule OS No. 2011476092, are subject to the ATCO Pipelines Franchise Fees pursuant to paragraph 15.13 of the General Terms and Conditions.
- Monthly Abandonment Surcharge applicable to Rate Schedules FT-R, FT-D, FT-P, FT-RN, FT-DW, and STFT, and the following Rate Schedule OS: 2021800034, 2021735873.
- Daily Abandonment Surcharge applicable to Rate Schedules IT-R, IT-D, the following Rate Schedules OS: 2003004522, 2011476052, 2011476054, 2017887638, 2011476092, 2016721799, 2016759254, and if applicable Over-Run Gas.
- Collected on all deliveries of gas within Alberta pursuant to any Rate Schedule unless NGTL has received a valid exemption certificate pursuant to the Greenhouse Gas Pollution Pricing Act.
- See FCN12 Canada Revenue Agency Administrative Position regarding Marketable Natural Gas under Part 1 of the Greenhouse Gas Pollution Pricing Act.

Final June-December 2022 Rates

Exhibit 4  
Page 16 of 21**DELIVERY POINT RATES**

Group 1 Delivery Point Number	Group 1 Delivery Point Name	FT-D Demand Rate Price Point "Z" (\$/GJ/mo)	IT-D Rate (\$/GJ/d)
2000	ALBERTA-B.C. BORDER	6.21	0.2246
31111	ALLIANCE CLAIRMONT INTERCONNECT APN	5.66	0.2047
31110	ALLIANCE EDSON INTERCONNECT APN	5.66	0.2047
31112	ALLIANCE SHELL CREEK INTERCONNECT APGC	5.66	0.2047
1958	EMPRESS BORDER	5.66	0.2047
3886	GORDONDALE BORDER	5.66	0.2047
6404	MCNEILL BORDER	5.66	0.2047

Group 2 Delivery Point Number	Group 2 Delivery Point Name	FT-D Demand Rate Price Point "Z" (\$/GJ/mo)	IT-D Rate (\$/GJ/d)	Subject to ATCO Pipelines Franchise Fees <sup>1</sup>
31000	A.T. PLASTICS SALES APN	8.10	0.2929	Yes
31001	ADM AGRI INDUSTRIES SALES APN	8.10	0.2929	Yes
3880	AECO INTERCONNECTION	8.10	0.2929	
31003	AGRIUM CARSELAND SALES APS	8.10	0.2929	
31002	AGRIUM FT. SASK SALES APN	8.10	0.2929	Yes
31004	AGRIUM REDWATER SALES APN	8.10	0.2929	
31005	AINSWORTH SALES APGP	8.10	0.2929	
31006	AIR LIQUIDE SALES APN	8.10	0.2929	
6126	AITKEN CREEK SOUTH SALES <sup>2</sup>	10.50	0.3719	
3820	AITKEN CREEK INTERCONNECT <sup>2</sup>	10.50	0.3719	
3214	AKUINU RIVER WEST SALES	8.10	0.2929	
31007	ALBERTA ENVIROFUELS SALES APN	8.10	0.2929	Yes <sup>3</sup>
31008	ALBERTA HOSPITAL SALES APN	8.10	0.2929	Yes
3868	ALBERTA-MONTANA BORDER	8.10	0.2929	
3297	ALDER FLATS SOUTH NO 2 SALES	8.10	0.2929	
3059	ALLISON CREEK SALES	8.10	0.2929	
6132	ALTARES SALES <sup>2</sup>	10.50	0.3719	
6133	ALTARES SOUTH SALES <sup>2</sup>	10.50	0.3719	
31009	ALTASTEEL SALES APN	8.10	0.2929	Yes <sup>3</sup>
3562	AMOCO SALES (BP SALES TAP)	8.10	0.2929	
6145	ANDERSON LAKE SALES	8.10	0.2929	
31012	APL JASPER SALES APN	8.10	0.2929	Yes
3488	ARDLEY SALES	8.10	0.2929	
3237	ASPEN SALES	8.10	0.2929	
3662	ATUSIS CREEK EAST SALES	8.10	0.2929	
3216	AURORA NO 2 SALES	8.10	0.2929	
3135	AURORA SALES	8.10	0.2929	
3288	BANTRY SALES	8.10	0.2929	
3423	BASHAW WEST SALES	8.10	0.2929	
6158	BASSET LAKE WEST SALES	8.10	0.2929	
31013	BAYMAG SALES APS	8.10	0.2929	
6112	BAY TREE SALES	8.10	0.2929	
31014	BEAR CREEK COGEN SALES APGP	8.10	0.2929	
3299	BEAR RIVER WEST SALES	8.10	0.2929	

NATURAL GAS TARIFF



Canceling 60<sup>th</sup> Revised Sheet No. 80.1  
59<sup>th</sup> Revised Sheet No. 80.1

Schedule No. T-FTG-1

TRANSPORTATION BUSINESS UNIT  
FIRM TRANSPORTATION NATURAL GAS SERVICE

APPLICABILITY: Applicable to Shippers for firm transportation service on the Utility Transmission System under the terms of a Firm Gas Transportation Service Agreement (Agreement) between the Utility Transportation Business Unit (Utility) and Shipper and as subject to Rate Schedule General Terms and Operating Conditions (Rate Schedule GTC-1).

	<u>Total Rate</u>	<u>Tax Portion of Rate</u>	<u>Rate Without Tax</u>
<u>RATES:</u> Net Monthly Bill:			
Monthly Service Charge per Meter:			
<u>Meters Rated @</u>			
<u>Cu. Ft. per hour</u>			
5,000 to 10,000	\$ 123.50		\$ 123.50
10,001 to 30,000	\$ 177.45		\$ 177.45
>30,000	\$ 393.75		\$ 393.75

PLUS:

Transmission Reservation Rate (MDDQ):

Maximum Monthly Reservation Rate for  
Maximum Daily Delivery Quantity (MDDQ)

\$ 1.0146022      \$ 0.3023254      \$ 0.7122768

Transmission Commodity Rate (Therm):

Maximum

\$ 0.0059293      \$ 0.0022878      \$ 0.0036415

Minimum

\$ 0.0017935      \$ 0.0017935

GTAC Amortization

\$ 0.0008050      \$ 0.0008050

Balancing Penalty Rate

Higher of \$25.00/ Dekatherm Or  
150% of Market Price

TAX PORTION OF RATE: This rate represents the amount charged to customers for state and local taxes and fees and is separately disclosed on customer's bill.

PLUS:

OTHER APPLICABLE CHARGES: All charges contained on other applicable rate schedules approved by the Public Service Commission of Montana.

GAS TRANSPORTATION ADJUSTMENT CLAUSE: Pursuant to MPSC Order the above GTAC Amortization shall be in effect until the balance is extinguished.

MINIMUM BILL: Per respective contracts.

(continued)

Docket No.: 2021.07.098  
Interim Order No. 7842  
Commission Approved: June 20, 2022  
Agenda No.: 22-6-14

Effective for services rendered on or after  
July 01, 2022

/s/ Tarin Slayton  
Paralegal



**STATE OF SOUTH DAKOTA  
GAS RATE SCHEDULE**

South Dakota Intrastate Pipeline Company  
1415 North Airport Road  
Pierre, SD 57501

SD P.U.C. Section 3  
2<sup>nd</sup> Revised Sheet No. 1  
Cancelling 1<sup>st</sup> Revised Sheet No. 1

**FIRM TRANSPORTATION SERVICE                      Rate 1**

Transportation rate is \$170,620.58 monthly for Firm Service effective November 1, 2019 through August 31, 2023. I

The Transportation rate is \$160,741.08 monthly for Firm Service effective September 1, 2023, if Transporter has not submitted a new application for rates, with an effective date prior to August 31, 2023. I

Revenue credits shall be applicable as set forth in the Contract for Firm Transportation Service. Service under this Firm Transportation Service Schedule shall be subject to the General Terms And Conditions as stated in Section 5. N  
N

Date Filed: October 23, 2019

Effective Date: November 1, 2019

Issued by Lisa A. Murphy, Vice President-Chief Financial Officer

Docket No.: NG17-009



**SECTION B – STATEMENT OF RATES - CONTINUED**  
**Firm and Interruptible Transportation Service Rates**

Service	Monthly Charge	Base Volumetric Charge	TCJA Amortization Credit	Maximum Volumetric Charge
On-System Firm Transport	\$198.00	\$0.1198	(\$0.0009)	\$0.1189
Off-System Firm Transport	\$99.00	\$0.1198		\$0.1198
Off-System Interruptible Transport	\$99.00	\$0.1198		\$0.1198
Administrative Fee	\$114.00			
Unauthorized Overrun Charge				\$0.8000
Supply Scheduling Charge				\$0.0060
Wyoming Integrity Rider				\$0.0066

All volumetric charges are per therm.

Interruptible Transportation Service is not available to On-System Customers.

Wyoming Integrity Rider is applicable to all maximum rate On-System Transportation Service Customers.

The Minimum Rate for Transportation Service is \$0.0010 per therm.

**Fuel and Lost and Unaccounted For Gas Percentages**

**Casper Division**

Transmission Fuel and Lost and Unaccounted For Gas percentage = 1.587%  
Storage Injection Fuel and Lost and Unaccounted For Gas percentage = 3.325%  
Choice Gas Service Distribution Fuel and Lost and Unaccounted For Gas Reconciliation percentage = 0.000%  
Distribution and Gas Cost Adjustment Fuel and Lost and Unaccounted For Gas percentage = 0.000%

**Cheyenne Division**

Distribution and Gas Cost Adjustment Fuel and Lost and Unaccounted For Gas percentage = 0.439%

**Cody Division**

Transmission and Gas Cost Adjustment Fuel and Lost and Unaccounted For Gas percentage = 2.114%

**Gillette Division**

Transmission Fuel and Lost and Unaccounted For Gas percentage = 0.350%  
Choice Gas Service Distribution Fuel and Lost and Unaccounted for Gas Reconciliation percentage = 0.118%  
Distribution and Gas Cost Adjustment Fuel and Lost and Unaccounted for Gas percentage = 0.433%

**Torrington Division**

Choice Gas Service Distribution Fuel and Lost and Unaccounted For Gas Reconciliation percentage = 2.726%  
Distribution and Gas Cost Adjustment Fuel and Lost and Unaccounted For Gas percentage = 1.535%

STATEMENT OF RATES  
 (Rates Per Dekatherm)

Currently Effective Term-Differentiated Rates

Rate Schedule	Base Tariff Rate
<u>Category 1 (Contract Term of Less than 3 Years)</u>	
Monthly Reservation Rates	
FT-A	
Zone 1-1 Maximum Rate	\$3.9106
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate <sup>1/</sup>	\$4.9080
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$2.6118
Zone 2-2 Minimum Rate	\$0.0000
<u>Category 2 (Contract Term of 3 Years to less than 5 Years)</u>	
Monthly Reservation Rates	
FT-A	
Zone 1-1 Maximum Rate	\$3.8583
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate	\$4.8330
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$2.5890
Zone 2-2 Minimum Rate	\$0.0000
<u>Category 3 (Contract Term of 5 or more Years)</u>	
Monthly Reservation Rates	
FT-A	
Zone 1-1 Maximum Rate	\$3.8060
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate	\$4.7580
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$2.5662
Zone 2-2 Minimum Rate	\$0.0000

<sup>1/</sup> Throughout Viking's Statement of Rates and Tariff, "Zone 1-2" shall mean Transportation Service for quantities received in Zone 1 and delivered in Zone 2 or received in Zone 2 and delivered in Zone 1 whether by transport, exchange, or Displacement.

Rate Schedule	Base Tariff Rate	Fuel and Loss Retention Percentages 2/
Commodity Rates 1/		
FT-A – Maximum Rates		
Zone 1-1	\$0.0136	1.33%
Zone 1-2	\$0.0136	1.74%
Zone 2-2	\$0.0136	0.41%
Minimum Rate	\$0.0136	
IT and AOT		
Zone 1-1	\$0.1422	1.33%
Zone 1-2	\$0.1750	1.74%
Zone 2-2	\$0.0995	0.41%
Minimum Rate	\$0.0136	

- 1/ Pursuant to Section 19 of the General Terms and Conditions, the maximum and minimum commodity rates shall be increased to include the Commission-authorized Annual Charge Adjustment unit rate as published on the Commission's Web Site located at <http://www.ferc.gov>.
- 2/ The Fuel and Loss Retention Percentages shall be applicable to all transportation rate schedules and includes the following Gas Lost and Unaccounted For Percentages: 0.00% for Zone 1-1, 0.00% for Zone 1-2, and 0.00% for Zone 2-2. Transportation entirely by Displacement will incur only the Gas Lost and Unaccounted For Percentages.

Rate Schedule	Base Tariff Rate	Adjustment Under Section 27 1/	Rate After Current Adjustment
LMS – Monthly Demand Rate	\$1.0000		\$1.0000
LMS – Daily Overrun Rate	\$0.1750		\$0.1750
LMS – Load Management Cost Reconciliation Adjustment		\$0.0010	

- 1/ Pursuant to Section 27 of the General Terms and Conditions of this Tariff, a mechanism is established to reconcile through surcharges or credits to the Rate Schedule LMS rate, as appropriate, differences between the cost to maintain Company's line pack gas and the amounts Company receives or pays for such gas arising out of the purchase and sale of such gas.

Rate Schedule	Maximum Rate Per Dekatherm	Minimum Rate Per Dekatherm
PAL		
NPL, OPL, and APL Service:		
Daily Commodity Rate	\$0.1750	\$0.0000
RPL Service:		
Daily Reservation Rate	\$0.1750	\$0.0000

**MONTANA-DAKOTA UTILITIES CO.  
RETURN ON CYCLE STORAGE BALANCES  
AND PREPAID DEMAND AND COMMODITY BALANCES  
NORTH DAKOTA GAS  
EFFECTIVE OCTOBER 2022**

	General Service		
	Storage Balance 1/	Prepaid Commodity Balance 2/	Prepaid Demand 1/
October 2022	\$21,460,004	\$741,431	\$5,488,805
November	16,858,570	655,583	4,404,070
December	6,744,557	466,887	2,126,842
January 2023	1,102,483	286,797	(574,063)
February	(4,752,377)	99,916	(2,468,162)
March	(5,194,177)	85,815	(3,539,124)
April	(4,653,815)	103,062	(3,262,689)
May	(1,559,033)	201,836	(1,893,636)
June	2,648,200	336,116	(46,047)
July	7,033,318	476,073	1,787,023
August	10,329,347	583,204	3,620,093
September	13,148,741	670,886	5,236,870
October	18,591,902	817,643	5,536,224
13 month average	<u>\$6,289,055</u>	<u>\$425,019</u>	<u>\$1,262,785</u>
Rate of Return	6.851%	6.851%	6.851%
Return	\$430,863	\$29,118	\$86,513
Return Requirement	<u>\$525,828</u>	<u>\$35,536</u>	<u>\$105,581</u>

1/ Allocated on percent of Contracted Capacity.

2/ Allocated on Total Normalized Firm Dk Deliveries.

**MONTANA-DAKOTA UTILITIES CO.**  
**COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ADJUSTMENT**  
**APPLICABLE TO NORTH DAKOTA**  
**FIRM**  
**TO BE EFFECTIVE OCTOBER 1, 2022 THROUGH SEPTEMBER 30, 2023**  
**FOR INFORMATION ONLY**

(Over)/under recovered gas costs @ July 31, 2022 \$7,762,356

Less: Projected recovery from rates already established

	Volume	Rate	Amount
August	267,000	\$1.850	493,950
September	397,000	1.850	734,450
	664,000		1,228,400

Additional recovery required \$6,533,956

Projected sales volumes (dk)

October 2022	1,194,000		
November	2,056,000		
December	2,786,000		
January 2023	3,046,000		
February	2,552,000		
March	2,048,000		
April	1,223,000		
May	554,000		
June	261,000		
July	269,000		
August	269,000		
September	401,000		
Total			<u>16,659,000</u>

Total (over)/under recovered gas cost adjustment  
to be effective October 1, 2022 through September 30, 2023 \$0.392

**MONTANA-DAKOTA UTILITIES CO.  
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ADJUSTMENT  
APPLICABLE TO NORTH DAKOTA  
INTERRUPTIBLE  
TO BE EFFECTIVE OCTOBER 1, 2022 THROUGH SEPTEMBER 30, 2023**

(Over)/under recovered gas costs @ July 31, 2022 \$629,915

Less: Projected recovery from rates already established

	Volume	Rate	Amount
August	18,000	\$0.353	6,354
September	28,000	0.353	9,884
	46,000		16,238

Additional recovery required \$613,677

Projected sales volumes (dk)

October 2022		83,000	
November		144,000	
December		100,000	
January 2023		96,000	
February		84,000	
March		83,000	
April		47,000	
May		25,000	
June		19,000	
July		13,000	
August		18,000	
September		28,000	
Total			740,000

Total (over)/under recovered gas cost adjustment  
to be effective October 1, 2022 through September 30, 2023 \$0.829

**MONTANA-DAKOTA UTILITIES CO.  
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ADJUSTMENT  
APPLICABLE TO NORTH DAKOTA  
AIR FORCE INTERRUPTIBLE  
TO BE EFFECTIVE OCTOBER 1, 2022 THROUGH SEPTEMBER 30, 2023**

(Over)/under recovered gas costs @ July 31, 2022 \$368,012

Less: Projected recovery from rates already established

	Volume	Rate	Amount
August	4,000	\$0.520	2,080
September	5,000	0.520	2,600
	9,000		4,680

Additional recovery required \$363,332

Projected sales volumes (dk)

October 2022	7,000		
November	20,000		
December	35,000		
January 2023	56,000		
February	63,000		
March	64,000		
April	58,000		
May	45,000		
June	19,000		
July	25,000		
August	4,000		
September	5,000		
Total			401,000

Total (over)/under recovered gas cost adjustment  
to be effective October 1, 2022 through September 30, 2023 \$0.906

**MONTANA-DAKOTA UTILITIES CO.  
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ADJUSTMENT  
APPLICABLE TO NORTH DAKOTA  
CONTRACTED DEMAND  
TO BE EFFECTIVE OCTOBER 1, 2022 THROUGH SEPTEMBER 30, 2023**

(Over)/under recovered gas costs @ July 31, 2022 \$307,001

Less: Projected recovery from rates already established

	Volume	Rate	Amount
August	14,000	\$0.675	9,450
September	11,000	0.675	7,425
	25,000		16,875

Additional recovery required \$290,126

Projected sales volumes (dk)

October 2022	16,000		
November	19,000		
December	23,000		
January 2023	24,000		
February	23,000		
March	19,000		
April	15,000		
May	12,000		
June	10,000		
July	16,000		
August	14,000		
September	11,000		
Total 1/			<u>202,000</u>

Total (over)/under recovered gas cost adjustment  
to be effective October 1, 2022 through September 30, 2023 \$1.436

**MONTANA-DAKOTA UTILITIES CO.  
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ACCOUNT BALANCE  
APPLICABLE TO NORTH DAKOTA  
FIRM**

	(Over) Under Recovery	Refunds & Other	Interest 1/	Total Net Additions	Actual Dk Sales	Adjustment Per Dk	Total Adjustment Amount	Net Change- Additions less Adjustment	Cumulative Balance
<b>Balance @ July 31, 2021</b>									<b><u>\$13,306,972</u></b>
August	\$829,243	\$0	\$420	\$829,663	276,015	\$1.850	\$510,628	\$319,035	13,626,007
September	584,220	0	344	584,564	306,652	1.850	567,306	17,258	13,643,265
October	96,562	0	430	96,992	388,128	1.850	718,037	(621,045)	13,022,220
November	903,105	0	411	903,516	1,025,028	0.500	1,452,557 2/	(549,041)	12,473,179
December	1,205,162	0	472	1,205,634	1,994,464	0.500	997,233	208,401	12,681,580
January 2022	(688,340)	0	1,199	(687,141)	3,269,364	0.500	1,634,682	(2,321,823)	10,359,757
February	981,669	0	2,155	983,824	2,823,183	0.500	1,411,591	(427,767)	9,931,990
March	8,620	0	2,754	11,374	3,052,440	0.500	1,526,220	(1,514,846)	8,417,144
April	(177,343)	0	3,869	(173,474)	1,781,996	0.500	890,998	(1,064,472)	7,352,672
May	136,821	0	4,349	141,170	1,443,248	1.850	1,236,676 3/	(1,095,506)	6,257,166
June	781,447	0	5,859	787,306	644,542	1.850	1,192,402	(405,096)	5,852,070
July	2,507,360	0	8,191	2,515,551	327,170	1.850	605,265	1,910,286	7,762,356
	<u>\$7,168,526</u>	<u>\$0</u>	<u>\$30,453</u>	<u>\$7,198,979</u>	<u>17,332,230</u>		<u>\$12,743,595</u>	<u>(\$5,544,616)</u>	
<b>Balance @ July 31, 2022</b>									<b><u>\$7,762,356</u></b>

1/ Interest calculated at Three Month Treasury Bill rate.

2/ Reflects 696,329 dk @ \$1.850 and 328,699 dk @ \$0.500.

3/ Reflects 1,061,727 dk @ \$0.500 and 381,521 dk @ \$1.850.

**MONTANA-DAKOTA UTILITIES CO.  
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ACCOUNT BALANCE  
APPLICABLE TO NORTH DAKOTA  
INTERRUPTIBLE**

	(Over) Under Recovery	Refunds & Other	Interest 1/	Total Net Additions	Actual Dk Sales	Adjustment Per Dk	Total Adjustment Amount	Net Change- Additions less Adjustment	Cumulative Balance
<b>Balance @ July 31, 2021</b>									<b><u>\$339,644</u></b>
August	\$33,507	\$0	\$11	\$33,518	19,433	\$0.276	\$5,364	\$28,154	367,798
September	17,235	0	9	17,244	22,207	0.276	6,129	11,115	378,913
October	8,794	0	12	8,806	21,067	0.353	6,036 2/	2,770	381,683
November	54,685	0	12	54,697	86,327	0.353	30,473	24,224	405,907
December	17,084	0	15	17,099	92,262	0.353	32,568	(15,469)	390,438
January 2022	(12,188)	0	37	(12,151)	100,593	0.353	35,509	(47,660)	342,778
February	36,369	0	71	36,440	78,376	0.353	27,667	8,773	351,551
March	12,745	0	97	12,842	97,622	0.353	34,460	(21,618)	329,933
April	23,964	0	152	24,116	72,229	0.353	25,497	(1,381)	328,552
May	95,419	0	194	95,613	54,294	0.353	19,166	76,447	404,999
June	138,648	0	380	139,028	32,995	0.353	11,648	127,380	532,379
July	105,676	0	747	106,423	25,177	0.353	8,887	97,536	629,915
	<u>\$531,938</u>	<u>\$0</u>	<u>\$1,737</u>	<u>\$533,675</u>	<u>702,582</u>		<u>\$243,404</u>	<u>\$290,271</u>	
<b>Balance @ July 31, 2022</b>									<b><u>\$629,915</u></b>

1/ Interest calculated at Three Month Treasury Bill rate.

2/ Reflects 18,191 dk @ \$0.276 and 2,876 dk @ \$0.353.

**MONTANA-DAKOTA UTILITIES CO.  
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ACCOUNT BALANCE  
APPLICABLE TO NORTH DAKOTA  
AIR FORCE**

	(Over) Under Recovery	Refunds & Other	Interest 1/	Total Net Additions	Actual Dk Sales	Adjustment Per Dk	Total Adjustment Amount	Net Change- Additions less Adjustment	Cumulative Balance
<b>Balance @ July 31, 2021</b>									<b><u>\$267,470</u></b>
August	\$41,767	\$0	\$8	\$41,775	4,093	\$0.501	\$2,051	\$39,724	307,194
September	19,524	0	8	19,532	5,061	0.501	2,536	16,996	324,190
October	(102)	0	10	(92)	6,696	0.520	3,354 2/	(3,446)	320,744
November	6,619	0	10	6,629	19,825	0.520	10,309	(3,680)	317,064
December	24,994	0	12	25,006	35,452	0.520	18,435	6,571	323,635
January 2022	(26,026)	0	31	(25,995)	56,199	0.520	29,225	(55,220)	268,415
February	34,648	0	56	34,704	62,772	0.520	32,642	2,062	270,477
March	17,605	0	75	17,680	63,939	0.520	33,248	(15,568)	254,909
April	(2,110)	0	117	(1,993)	57,904	0.520	30,109	(32,102)	222,807
May	20,847	0	132	20,979	45,351	0.520	23,584	(2,605)	220,202
June	(5,252)	0	206	(5,046)	19,408	0.520	10,091	(15,137)	205,065
July	175,843	0	287	176,130	25,351	0.520	13,183	162,947	368,012
	<u>\$308,357</u>	<u>\$0</u>	<u>\$952</u>	<u>\$309,309</u>	<u>402,051</u>		<u>\$208,767</u>	<u>\$100,542</u>	
<b>Balance @ July 31, 2022</b>									<b><u>\$368,012</u></b>

1/ Interest calculated at Three Month Treasury Bill rate.

2/ Reflects 6,696 dk @ \$0.501 and 0 dk @ \$0.520.

**MONTANA-DAKOTA UTILITIES CO.  
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ACCOUNT BALANCE  
APPLICABLE TO NORTH DAKOTA  
CONTRACTED DEMAND**

	(Over) Under Recovery	Refunds & Other	Interest 1/	Total Net Additions	Actual Dk Sales	Adjustment Per Dk	Total Adjustment Amount	Net Change- Additions less Adjustment	Cumulative Balance
<b>Balance @ July 31, 2021</b>									<b><u>\$177,743</u></b>
August	\$40,915	\$0	\$6	\$40,921	17,114	\$0.353	\$6,043	\$34,878	212,621
September	34,844	0	5	34,849	13,228	0.353	4,669	30,180	242,801
October	1,302	0	8	1,310	10,804	0.675	3,816 2/	(2,506)	240,295
November	(8,230)	0	8	(8,222)	10,932	0.675	7,380	(15,602)	224,693
December	17,602	0	8	17,610	19,581	0.675	13,216	4,394	229,087
January 2022	(5,956)	0	22	(5,934)	26,021	0.675	17,564	(23,498)	205,589
February	10,844	0	43	10,887	25,954	0.675	17,519	(6,632)	198,957
March	7,666	0	55	7,721	26,446	0.675	17,851	(10,130)	188,827
April	4,458	0	87	4,545	19,495	0.675	13,159	(8,614)	180,213
May	14,275	0	107	14,382	16,810	0.675	11,348	3,034	183,247
June	50,144	0	172	50,316	12,942	0.675	8,736	41,580	224,827
July	90,869	0	315	91,184	13,348	0.675	9,010	82,174	307,001
	<u>\$258,733</u>	<u>\$0</u>	<u>\$836</u>	<u>\$259,569</u>	<u>212,675</u>		<u>\$130,311</u>	<u>\$129,258</u>	
<b>Balance @ July 31, 2022</b>									<b><u>\$307,001</u></b>

1/ Interest calculated at Three Month Treasury Bill rate.

2/ Reflects 10,799 dk @ \$0.353 and 5 dk @ \$0.675.

**MONTANA-DAKOTA UTILITIES CO.**  
**CALCULATION OF (OVER) UNDER RECOVERY OF GAS COSTS**  
**APPLICABLE TO NORTH DAKOTA**  
**FIRM**

	Residential and Firm General				Seasonal			
	1/	2/	3/	Total	1/	2/	3/	Total
<u>August 2021</u>								
Cost of Gas - Actual	\$7.19413	\$7.85826	\$7.19413		\$3.79241	\$0.00000	\$0.00000	
Cost of Gas - Recovered	4.72900	4.72900	4.72900		3.23800	0.00000	0.00000	
(Over) Under recovery per dk	\$2.46513	\$3.12926	\$2.46513		\$0.55441	\$0.00000	\$0.00000	
dk billed	0	231,292	42,223	273,515	2,500	0	0	2,500
(Over) Under recovery	\$0	\$723,772	\$104,085	\$827,857	\$1,386	\$0	\$0	\$1,386
<u>September 2021</u>								
Cost of Gas - Actual	\$5.22431	\$7.19413	\$5.22431		\$3.70981	\$3.79241	\$3.70981	
Cost of Gas - Recovered	5.13500	4.72900	4.72900		3.63700	3.23800	3.23800	
(Over) Under recovery per dk	\$0.08931	\$2.46513	\$0.49531		\$0.07281	\$0.55441	\$0.47181	
dk billed	102,108	240,588	(37,116)	305,580	257	0	815	1,072
(Over) Under recovery	\$9,119	\$593,081	(\$18,384)	\$583,816	\$19	\$0	\$385	\$404
<u>October 2021</u>								
Cost of Gas - Actual	\$6.29060	\$5.22431	\$6.29060		\$4.79025	\$3.70981	\$4.79025	
Cost of Gas - Recovered	5.43700	5.13500	5.13500		5.55900	3.63700	3.63700	
(Over) Under recovery per dk	\$0.85360	\$0.08931	\$1.15560		(\$0.76875)	\$0.07281	\$1.15325	
dk billed	141,714	289,815	(43,720)	387,809	69	0	250	319
(Over) Under recovery	\$120,967	\$25,883	(\$50,523)	\$96,327	(\$53)	\$0	\$288	\$235
<u>November 2021</u>								
Cost of Gas - Actual	\$6.42742	\$6.29060	\$6.42742		\$6.24616	\$4.79025	\$6.24616	
Cost of Gas - Recovered	5.43700	5.43700	5.43700		5.55900	5.55900	5.55900	
(Over) Under recovery per dk	\$0.99042	\$0.85360	\$0.99042		\$0.68716	(\$0.76875)	\$0.68716	
dk billed	328,642	818,377	(122,427)	1,024,592	57	0	379	436
(Over) Under recovery	\$325,494	\$698,567	(\$121,255)	\$902,806	\$39	\$0	\$260	\$299
<u>December 2021</u>								
Cost of Gas - Actual	\$5.36384	\$6.42742	\$5.36384		\$5.59173	\$6.24616	\$5.59173	
Cost of Gas - Recovered	5.85600	5.43700	5.43700		5.97400	5.55900	5.55900	
(Over) Under recovery per dk	(\$0.49216)	\$0.99042	(\$0.07316)		(\$0.38227)	0.68716	0.03273	
dk billed	614,835	1,512,508	(133,556)	1,993,787	127	0	550	677
(Over) Under recovery	(\$302,597)	\$1,498,018	\$9,771	\$1,205,192	(\$48)	\$0	\$18	(\$30)
<u>January 2022</u>								
Cost of Gas - Actual	\$5.74312	\$5.36384	\$5.74312		\$5.98667	\$5.59173	\$5.98667	
Cost of Gas - Recovered	5.33000	5.85600	5.85600		5.44700	5.97400	5.97400	
(Over) Under recovery per dk	\$0.41312	(\$0.49216)	(\$0.11288)		\$0.53967	(\$0.38227)	\$0.01267	
dk billed	1,104,215	2,373,785	(209,578)	3,268,422	189	0	753	942
(Over) Under recovery	\$456,173	(\$1,168,282)	\$23,657	(\$688,452)	\$102	\$0	\$10	\$112

- 1/ Consumed in current month.
- 2/ Consumed in prior month.
- 3/ True-up of prior month volumes.

**MONTANA-DAKOTA UTILITIES CO.  
CALCULATION OF (OVER) UNDER RECOVERY OF GAS COSTS  
APPLICABLE TO NORTH DAKOTA  
FIRM**

					Seasonal			
	1/	2/	3/	Total	1/	2/	3/	Total
<u>February 2022</u>								
Cost of Gas - Actual	\$5.37924	\$5.74312	\$5.37924		\$5.71568	\$5.98667	\$5.71568	
Cost of Gas - Recovered	5.33000	5.33000	5.33000		5.44700	5.44700	5.44700	
(Over) Under recovery per dk	\$0.04924	\$0.41312	\$0.04924		\$0.26868	\$0.53967	\$0.26868	
dk billed	0	2,315,296	507,133	2,822,429	0	0	754	754
(Over) Under recovery	\$0	\$956,495	\$24,971	\$981,466	\$0	\$0	\$203	\$203
<u>March 2022</u>								
Cost of Gas - Actual	\$5.17282	\$5.37924	\$5.17282		\$5.43069	\$5.71568	\$5.43069	
Cost of Gas - Recovered	5.33000	5.33000	5.33000		5.44700	5.44700	5.44700	
(Over) Under recovery per dk	(\$0.15718)	\$0.04924	(\$0.15718)		(\$0.01631)	\$0.26868	\$ (0.01631)	
dk billed	0	2,365,491	686,109	3,051,600	0	0	840	840
(Over) Under recovery	\$0	\$116,477	(\$107,843)	\$8,634	\$0	\$0	(\$14)	(\$14)
<u>April 2022</u>								
Cost of Gas - Actual	\$5.50103	\$5.17282	\$5.50103		\$6.18047	\$5.43069	\$6.18047	
Cost of Gas - Recovered	5.33000	5.33000	5.33000		5.44700	5.44700	5.44700	
(Over) Under recovery per dk	\$0.17103	(\$0.15718)	\$0.17103		\$0.73347	(\$0.01631)	\$0.73347	
dk billed	0	1,469,954	311,445	1,781,399	0	0	597	597
(Over) Under recovery	\$0	(\$231,047)	\$53,266	(\$177,781)	\$0	\$0	\$438	438
<u>May 2022</u>								
Cost of Gas - Actual	\$8.21523	\$5.50103	\$8.21523		\$8.07746	\$6.18047	\$8.07746	
Cost of Gas - Recovered	6.19700	5.33000	5.33000		6.31400	5.44700	5.44700	
(Over) Under recovery per dk	\$2.01823	\$0.17103	\$2.88523		\$1.76346	\$0.73347	\$2.63046	
dk billed	381,416	1,361,857	(300,613)	1,442,660	105	0	483	588
(Over) Under recovery	\$769,785	\$232,918	(\$867,338)	\$135,365	\$185	\$0	\$1,271	1,456
<u>June 2022</u>								
Cost of Gas - Actual	\$16.69028	\$8.21523	\$16.69028		\$9.15774	\$8.07746	\$9.15774	
Cost of Gas - Recovered	7.64200	6.19700	6.19700		6.25400	6.31400	6.31400	
(Over) Under recovery per dk	\$9.04828	\$2.01823	\$10.49328		\$2.90374	\$1.76346	\$2.84374	
dk billed	174,011	675,028	(205,752)	643,287	529	0	726	1,255
(Over) Under recovery	\$1,574,500	\$1,362,362	(\$2,159,016)	\$777,846	\$1,536	\$0	\$2,065	3,601
<u>July 2022</u>								
Cost of Gas - Actual	\$21.18306	\$16.69028	\$21.18306		\$6.08680	\$9.15774	\$6.08680	
Cost of Gas - Recovered	8.42800	7.64200	7.64200		7.04000	6.25400	6.25400	
(Over) Under recovery per dk	\$12.75506	\$9.04828	\$13.54106		(\$0.95320)	\$2.90374	(\$0.16720)	
dk billed	97,264	401,727	(174,792)	324,199	1,053	0	1,918	2,971
(Over) Under recovery	\$1,240,613	\$3,634,937	(\$2,366,865)	\$2,508,685	(\$1,004)	\$0	(\$321)	(\$1,325)

- 1/ Consumed in current month.
- 2/ Consumed in prior month.
- 3/ True-up of prior month volumes.

**MONTANA-DAKOTA UTILITIES CO.  
CALCULATION OF (OVER) UNDER RECOVERY OF GAS COSTS  
APPLICABLE TO NORTH DAKOTA  
INTERRUPTIBLE**

	1/	2/	3/	Total
<u>August 2021</u>				
Cost of Gas - Actual	\$4.89324	\$5.37567	\$4.89324	
Cost of Gas - Recovered	3.37900	3.37900	3.37900	
(Over) Under recovery per dk	<u>\$1.51424</u>	<u>\$1.99667</u>	<u>\$1.51424</u>	
dk billed	0	8,459	10,974	19,433
(Over) Under recovery	<u>\$0</u>	<u>\$16,889</u>	<u>\$16,618</u>	\$33,507
<u>September 2021</u>				
Cost of Gas - Actual	\$3.85188	\$4.89324	\$3.85188	
Cost of Gas - Recovered	3.78100	3.37900	3.37900	
(Over) Under recovery per dk	<u>\$0.07088</u>	<u>\$1.51424</u>	<u>\$0.47288</u>	
dk billed	2,491	7,428	12,288	22,207
(Over) Under recovery	<u>\$176</u>	<u>\$11,248</u>	<u>\$5,811</u>	\$17,235
<u>October 2021</u>				
Cost of Gas - Actual	\$4.59716	\$3.85188	\$4.59716	
Cost of Gas - Recovered	4.13700	3.78100	3.78100	
(Over) Under recovery per dk	<u>\$0.46016</u>	<u>\$0.07088</u>	<u>\$0.81616</u>	
dk billed	2,876	9,897	8,294	21,067
(Over) Under recovery	<u>\$1,323</u>	<u>\$702</u>	<u>\$6,769</u>	\$8,794
<u>November 2021</u>				
Cost of Gas - Actual	\$4.82175	\$4.59716	\$4.82175	
Cost of Gas - Recovered	4.13700	4.13700	4.13700	
(Over) Under recovery per dk	<u>\$0.68475</u>	<u>\$0.46016</u>	<u>\$0.68475</u>	
dk billed	0	19,712	66,615	86,327
(Over) Under recovery	<u>\$0</u>	<u>\$9,071</u>	<u>\$45,614</u>	\$54,685
<u>December 2021</u>				
Cost of Gas - Actual	\$4.17851	\$4.82175	\$4.17851	
Cost of Gas - Recovered	4.62400	4.13700	4.13700	
(Over) Under recovery per dk	<u>(\$0.44549)</u>	<u>\$0.68475</u>	<u>\$0.04151</u>	
dk billed	17,636	33,957	40,669	92,262
(Over) Under recovery	<u>(\$7,856)</u>	<u>\$23,252</u>	<u>\$1,688</u>	\$17,084
<u>January 2022</u>				
Cost of Gas - Actual	\$4.63605	\$4.17851	\$4.63605	
Cost of Gas - Recovered	4.09300	4.62400	4.62400	
(Over) Under recovery per dk	<u>\$0.54305</u>	<u>(\$0.44549)</u>	<u>\$0.01205</u>	
dk billed	20,533	53,117	26,943	100,593
(Over) Under recovery	<u>\$11,150</u>	<u>(\$23,663)</u>	<u>\$325</u>	(\$12,188)

- 1/ Consumed in current month.  
2/ Consumed in prior month.  
3/ True-up of prior month volumes.

**MONTANA-DAKOTA UTILITIES CO.  
CALCULATION OF (OVER) UNDER RECOVERY OF GAS COSTS  
APPLICABLE TO NORTH DAKOTA  
INTERRUPTIBLE**

	1/	2/	3/	Total
<u>February 2022</u>				
Cost of Gas - Actual	\$4.36235	\$4.63605	\$4.36235	
Cost of Gas - Recovered	4.09300	4.09300	4.09300	
(Over) Under recovery per dk	\$0.26935	\$0.54305	\$0.26935	
dk billed	0	55,747	22,629	78,376
(Over) Under recovery	\$0	\$30,274	\$6,095	\$36,369
<u>March 2022</u>				
Cost of Gas - Actual	\$4.07458	\$4.36235	\$4.07458	
Cost of Gas - Recovered	4.09300	4.09300	4.09300	
(Over) Under recovery per dk	(\$0.01842)	\$0.26935	(\$0.01842)	
dk billed	0	50,537	47,085	97,622
(Over) Under recovery	\$0	\$13,612	(\$867)	\$12,745
<u>April 2022</u>				
Cost of Gas - Actual	\$4.82235	\$4.07458	\$4.82235	
Cost of Gas - Recovered	4.09300	4.09300	4.09300	
(Over) Under recovery per dk	\$0.72935	(\$0.01842)	\$0.72935	
dk billed	0	38,402	33,827	72,229
(Over) Under recovery	\$0	(\$707)	\$24,671	\$23,964
<u>May 2022</u>				
Cost of Gas - Actual	\$6.95926	\$4.82235	\$6.95926	
Cost of Gas - Recovered	4.94200	4.09300	4.09300	
(Over) Under recovery per dk	\$2.01726	\$0.72935	\$2.86626	
dk billed	3,551	26,762	23,981	54,294
(Over) Under recovery	\$7,164	\$19,519	\$68,736	\$95,419
<u>June 2022</u>				
Cost of Gas - Actual	\$11.51185	\$6.95926	\$11.51185	
Cost of Gas - Recovered	6.40900	4.94200	4.94200	
(Over) Under recovery per dk	\$5.10285	\$2.01726	\$6.56985	
dk billed	2,158	16,465	14,372	32,995
(Over) Under recovery	\$11,012	\$33,214	\$94,422	\$138,648
<u>July 2022</u>				
Cost of Gas - Actual	\$9.93506	\$11.51185	\$9.93506	
Cost of Gas - Recovered	7.19500	6.40900	6.40900	
(Over) Under recovery per dk	\$2.74006	\$5.10285	\$3.52606	
dk billed	1,611	11,523	12,043	25,177
(Over) Under recovery	\$4,415	\$58,797	\$42,464	\$105,676

- 1/ Consumed in current month.  
2/ Consumed in prior month.  
3/ True-up of prior month volumes.

**MONTANA-DAKOTA UTILITIES CO.  
CALCULATION OF (OVER) UNDER RECOVERY OF GAS COSTS  
APPLICABLE TO NORTH DAKOTA  
AIR FORCE**

	1/	1/	2/	Total
<u>August 2021</u>				
Cost of Gas - Actual	\$5.83883	\$11.17904	\$5.83883	
Cost of Gas - Recovered	3.36400	3.36400	3.36400	
(Over) Under recovery per dk	\$2.47483	\$7.81504	\$2.47483	
dk billed	0	5,924	(1,831)	4,093
(Over) Under recovery	\$0	\$46,298	(\$4,531)	\$41,767
<u>September 2021</u>				
Cost of Gas - Actual	\$3.83559	\$5.83883	\$3.83559	
Cost of Gas - Recovered	3.76400	3.36400	3.36400	
(Over) Under recovery per dk	\$0.07159	\$2.47483	\$0.47159	
dk billed	0	8,555	(3,494)	5,061
(Over) Under recovery	\$0	\$21,172	(\$1,648)	\$19,524
<u>October 2021</u>				
Cost of Gas - Actual	\$4.46805	\$3.83559	\$4.46805	
Cost of Gas - Recovered	4.11800	3.76400	3.76400	
(Over) Under recovery per dk	\$0.35005	\$0.07159	\$0.70405	
dk billed	0	7,616	(920)	6,696
(Over) Under recovery	\$0	\$545	(\$647)	(\$102)
<u>November 2021</u>				
Cost of Gas - Actual	\$4.79944	\$4.46805	\$4.79944	
Cost of Gas - Recovered	4.11800	4.11800	4.11800	
(Over) Under recovery per dk	\$0.68144	\$0.35005	\$0.68144	
dk billed	0	20,793	(968)	19,825
(Over) Under recovery	\$0	\$7,279	(\$660)	\$6,619
<u>December 2021</u>				
Cost of Gas - Actual	\$4.15641	\$4.79944	\$4.15641	
Cost of Gas - Recovered	4.60200	4.11800	4.11800	
(Over) Under recovery per dk	(\$0.44559)	\$0.68144	\$0.03841	
dk billed	0	36,752	(1,300)	35,452
(Over) Under recovery	\$0	\$25,044	(\$50)	\$24,994
<u>January 2022</u>				
Cost of Gas - Actual	\$4.61518	\$4.15641	\$4.61518	
Cost of Gas - Recovered	4.07400	4.60200	4.60200	
(Over) Under recovery per dk	\$0.54118	(\$0.44559)	\$0.01318	
dk billed	0	58,345	(2,146)	56,199
(Over) Under recovery	\$0	(\$25,998)	(\$28)	(\$26,026)

1/ Consumed in prior month.

2/ True-up of prior month volumes.

**MONTANA-DAKOTA UTILITIES CO.  
CALCULATION OF (OVER) UNDER RECOVERY OF GAS COSTS  
APPLICABLE TO NORTH DAKOTA  
AIR FORCE**

	1/	1/	2/	Total	
<u>February 2022</u>					
Cost of Gas - Actual	\$4.34214	\$4.61518	\$4.34214		
Cost of Gas - Recovered	4.07400	4.07400	4.07400		
(Over) Under recovery per dk	\$0.26814	\$0.54118	\$0.26814		
dk billed	0	65,252	(2,480)	62,772	
(Over) Under recovery	\$0	\$35,313	(\$665)	\$34,648	
<u>March 2022</u>					
Cost of Gas - Actual	\$4.05568	\$4.34214	\$4.05568		
Cost of Gas - Recovered	4.07400	4.07400	4.07400		
(Over) Under recovery per dk	(\$0.01832)	\$0.26814	(\$0.01832)		
dk billed	0	65,546	(1,607)	63,939	
(Over) Under recovery	\$0	\$17,576	\$29	\$17,605	
<u>April 2022</u>					
Cost of Gas - Actual	\$4.80003	\$4.05568	\$4.80003		
Cost of Gas - Recovered	4.07400	4.07400	4.07400		
(Over) Under recovery per dk	\$0.72603	(\$0.01832)	\$0.72603		
dk billed	0	59,313	(1,409)	57,904	0
(Over) Under recovery	\$0	(\$1,087)	(\$1,023)	(\$2,110)	
<u>May 2022</u>					
Cost of Gas - Actual	\$7.40009	\$4.80003	\$7.40009		
Cost of Gas - Recovered	4.92000	4.07400	4.07400		
(Over) Under recovery per dk	\$2.48009	\$0.72603	\$3.32609		
dk billed	0	49,997	(4,646)	45,351	
(Over) Under recovery	\$0	\$36,300	(\$15,453)	\$20,847	
<u>June 2022</u>					
Cost of Gas - Actual	\$17.61014	\$7.40009	\$17.61014		
Cost of Gas - Recovered	6.38000	4.92000	4.92000		
(Over) Under recovery per dk	\$11.23014	\$2.48009	\$12.69014		
dk billed	0	24,636	(5,228)	19,408	0
(Over) Under recovery	\$0	\$61,100	(\$66,352)	(\$5,252)	
<u>July 2022</u>					
Cost of Gas - Actual	\$8.91996	\$17.61014	\$8.91996		
Cost of Gas - Recovered	7.16300	6.38000	6.38000		
(Over) Under recovery per dk	\$1.75696	\$11.23014	\$2.53996		
dk billed	0	12,825	12,526	25,351	
(Over) Under recovery	\$0	\$144,027	\$31,816	\$175,843	

1/ Consumed in prior month.

2/ True-up of prior month volumes.

**MONTANA-DAKOTA UTILITIES CO.  
CALCULATION OF (OVER) UNDER RECOVERY OF GAS COSTS  
APPLICABLE TO NORTH DAKOTA  
CONTRACTED DEMAND**

	1/	1/	2/	Total
<u>August 2021</u>				
Cost of Gas - Actual	\$5.91994	\$5.38494	\$5.91994	
Cost of Gas - Recovered	3.23800	3.23800	3.23800	
(Over) Under recovery per dk	<u>\$2.68194</u>	<u>\$2.14694</u>	<u>\$2.68194</u>	
dk billed	0	9,316	7,798	17,114
(Over) Under recovery	<u>\$0</u>	<u>\$20,001</u>	<u>\$20,914</u>	\$40,915
<u>September 2021</u>				
Cost of Gas - Actual	\$3.75909	\$5.91994	\$3.75909	
Cost of Gas - Recovered	3.63700	3.23800	3.23800	
(Over) Under recovery per dk	<u>\$0.12209</u>	<u>\$2.68194</u>	<u>\$0.52109</u>	
dk billed	7	12,936	285	13,228
(Over) Under recovery	<u>\$1</u>	<u>\$34,694</u>	<u>\$149</u>	\$34,844
<u>October 2021</u>				
Cost of Gas - Actual	\$4.15868	\$3.75909	\$4.15868	
Cost of Gas - Recovered	3.98700	3.63700	3.63700	
(Over) Under recovery per dk	<u>\$0.17168</u>	<u>\$0.12209</u>	<u>\$0.52168</u>	
dk billed	5	10,842	(43)	10,804
(Over) Under recovery	<u>\$1</u>	<u>\$1,324</u>	<u>(\$23)</u>	\$1,302
<u>November 2021</u>				
Cost of Gas - Actual	\$5.17577	\$4.15868	\$5.17577	
Cost of Gas - Recovered	3.98700	3.98700	3.98700	
(Over) Under recovery per dk	<u>\$1.18877</u>	<u>\$0.17168</u>	<u>\$1.18877</u>	
dk billed	0	20,869	(9,937)	10,932
(Over) Under recovery	<u>\$0</u>	<u>\$3,583</u>	<u>(\$11,813)</u>	(\$8,230)
<u>December 2021</u>				
Cost of Gas - Actual	\$4.14272	\$5.17577	\$4.14272	
Cost of Gas - Recovered	4.46100	3.98700	3.98700	
(Over) Under recovery per dk	<u>(\$0.31828)</u>	<u>\$1.18877</u>	<u>\$0.15572</u>	
dk billed	589	14,358	4,634	19,581
(Over) Under recovery	<u>(\$188)</u>	<u>\$17,068</u>	<u>\$722</u>	\$17,602
<u>January 2022</u>				
Cost of Gas - Actual	\$4.38574	\$4.14272	\$4.38574	
Cost of Gas - Recovered	3.93500	4.46100	4.46100	
(Over) Under recovery per dk	<u>\$0.45074</u>	<u>(\$0.31828)</u>	<u>(\$0.07526)</u>	
dk billed	2,388	21,617	2,016	26,021
(Over) Under recovery	<u>\$1,076</u>	<u>(\$6,880)</u>	<u>(\$152)</u>	(\$5,956)

1/ Consumed in prior month.

2/ True-up of prior month volumes.

**MONTANA-DAKOTA UTILITIES CO.  
CALCULATION OF (OVER) UNDER RECOVERY OF GAS COSTS  
APPLICABLE TO NORTH DAKOTA  
CONTRACTED DEMAND**

	1/	1/	2/	Total
<u>February 2022</u>				
Cost of Gas - Actual	\$4.28644	\$4.38574	\$4.28644	
Cost of Gas - Recovered	3.93500	3.93500	3.93500	
(Over) Under recovery per dk	\$0.35144	\$0.45074	\$0.35144	
dk billed	0	17,352	8,602	25,954
(Over) Under recovery	\$0	\$7,821	\$3,023	\$10,844
<u>March 2022</u>				
Cost of Gas - Actual	\$4.01410	\$4.28644	\$4.01410	
Cost of Gas - Recovered	3.93500	3.93500	3.93500	
(Over) Under recovery per dk	\$0.07910	\$0.35144	\$0.07910	
dk billed	0	20,468	5,978	26,446
(Over) Under recovery	\$0	\$7,193	\$473	\$7,666
<u>April 2022</u>				
Cost of Gas - Actual	\$4.39605	\$4.01410	\$4.39605	
Cost of Gas - Recovered	3.93500	3.93500	3.93500	
(Over) Under recovery per dk	\$0.46105	\$0.07910	\$0.46105	
dk billed	0	11,861	7,634	19,495
(Over) Under recovery	\$0	\$938	\$3,520	\$4,458
<u>May 2022</u>				
Cost of Gas - Actual	\$6.46596	\$4.39605	\$6.46596	
Cost of Gas - Recovered	4.79300	3.93500	3.93500	
(Over) Under recovery per dk	\$1.67296	\$0.46105	\$2.53096	
dk billed	36	13,643	3,131	16,810
(Over) Under recovery	\$60	\$6,290	\$7,925	\$14,275
<u>June 2022</u>				
Cost of Gas - Actual	\$11.48911	\$6.46596	\$11.48911	
Cost of Gas - Recovered	6.25400	4.79300	4.79300	
(Over) Under recovery per dk	\$5.23511	\$1.67296	\$6.69611	
dk billed	401	7,153	5,388	12,942
(Over) Under recovery	\$2,099	\$11,967	\$36,078	\$50,144
<u>July 2022</u>				
Cost of Gas - Actual	\$14.89299	\$11.48911	\$14.89299	
Cost of Gas - Recovered	7.04000	6.25400	6.25400	
(Over) Under recovery per dk	\$7.85299	\$5.23511	\$8.63899	
dk billed	7	7,181	6,160	13,348
(Over) Under recovery	\$56	\$37,592	\$53,221	\$90,869

1/ Consumed in prior month.

2/ True-up of prior month volumes.

MONTANA-DAKOTA UTILITIES CO.  
COST OF GAS - PROPANE  
NORTH DAKOTA  
EFFECTIVE OCTOBER 2022

Cost of Purchased Propane	\$30,905
Gallons Purchased	20,765
Projected dk Sales	1,900
Propane Cost per Dk	\$16.266
Average Cost of Propane as Adjusted for Losses @ 99.55%	16.340
Less: Propane Cost Level in Rates 1/	<u>14.160</u>
Current Propane Cost Adjustment	<u><u>\$2.180</u></u>

1/ Propane Cost Level in Current Rates - Case No. PU-22-008, effective March 1, 2022.

MONTANA-DAKOTA UTILITIES CO.  
COST OF GAS - PROPANE TARIFF SHEET  
NORTH DAKOTA PROPANE  
EFFECTIVE OCTOBER 2022

**Cost of Gas - Propane**

Current Propane Cost (Exhibit 7, Page 1)	\$16.340
Prior Filed Propane Cost	<u>14.160</u>
Current Propane Cost Adjustment	<u><u>\$2.180</u></u>

**Surcharge Adjustment**

Current Adjustment	\$0.912
Prior Filed Adjustment	<u>0.912</u>
Change in Surcharge Adjustment	\$0.000

**Grain Drying Margin Sharing**

Current Adjustment	(\$0.015)
Prior Adjustment	<u>(0.011)</u>
Change in Grain Drying Margin Sharing	(\$0.004)

**Total Cost of Gas Items** \$17.237

**Net Increase (Decrease) in Gas Costs** \$2.176

**MONTANA-DAKOTA UTILITIES CO.**  
**CALCULATION OF (OVER) / UNDER RECOVERED GAS COST ACCOUNT BALANCE**  
**APPLICABLE TO NORTH DAKOTA**  
**PROPANE**

	<u>(Over) Under Recovery</u>	<u>Refunds &amp; Other</u>	<u>Interest 1/</u>	<u>Total Net Additions</u>	<u>Actual Dk Sales</u>	<u>Adjustment Per Dk</u>	<u>Total Adjustment Amount</u>	<u>Net Change- Additions less Adjustment</u>	<u>Cumulative Balance</u>
<b>Balance @ February 28, 2022</b>									<b><u><u>\$42,131</u></u></b>
March 2022	(\$2,474)	\$0	\$12	(\$2,462)	7,825	0.204	\$1,596	(\$4,058)	38,073
April	(1,127)	0	18	(1,109)	4,889	0.204	999	(2,108)	35,965
May	392	0	21	413	2,780	0.912	1,924 2/	(1,511)	34,454
June	(711)	0	32	(679)	1,348	0.912	1,228	(1,907)	32,547
July	(1,566)	0	46	(1,520)	721	0.912	658	(2,178)	30,369
<b>Balance @ July 31, 2022</b>									<b><u><u>\$30,369</u></u></b>

1/ Interest calculated at Three Month Treasury Bill rate.

2/ Reflects 864 Dk @ \$0.204 and 1,916 Dk @ \$0.912.

**MONTANA-DAKOTA UTILITIES CO.  
NORTH DAKOTA GAS / PROPANE  
GRAIN DRYING MARGIN SHARING PROVISION  
EFFECTIVE OCTOBER 1, 2022 THROUGH SEPTEMBER 30, 2023**

Rate 71 Grain Drying Credit - Balance @ 7/31/21			(\$199,154)
Additional Credits 1/			(269,764)
Less: Reduction to Credit Balance			<u>(210,933)</u>
Balance @ 7/31/22			<u><u>(\$257,985)</u></u>
Less: Projected recovery from current amortization			
	<u>Dk</u>	<u>Rate</u>	<u>Amount</u>
August	267,000	(\$0.011)	(\$2,937)
September	<u>397,000</u>	(0.011)	<u>(4,367)</u>
	664,000		(\$7,304)
Balance @ 9/30/22			<u><u>(\$250,681)</u></u>
Projected Residential & General Service Sales Volumes			16,659,000
Grain Drying Margin Sharing Credit			<u><u>(\$0.015)</u></u>

1/ Represents 90% of margin from Grain Drying sales as shown on Exhibit 8, page 2.

**MONTANA-DAKOTA UTILITIES CO.  
NORTH DAKOTA GAS / PROPANE  
GRAIN DRYING MARGIN SHARING PROVISION  
EFFECTIVE OCTOBER 1, 2022 THROUGH SEPTEMBER 30, 2023**

<u>Additional Credits</u>	<u>Grain Drying Sales</u>	<u>Distribution Charge</u>	<u>Distribution Delivery Revenue</u>	<u>Basic Service Charge</u>
August 2021	880.6	\$0.566	\$498	\$18,795
September	2,552.2	0.566	1,445	18,795
October	2,847.9	0.566	1,612	18,450
November	51,590.4	0.566	29,200	18,735
December	29,447.9	0.566	16,668	18,900
January 2022	17,994.2	0.566	10,185	18,900
February	8,509.3	0.566	4,816	18,450
March	7,600.1	0.566	4,302	18,660
April	7,548.1	0.566	4,272	18,450
May	1,918.4	0.566	1,086	18,795
June	383.6	0.566	217	18,450
July	2,836.5	0.566	1,605	18,450
Total	<u>134,109.2</u>		<u>\$75,906</u>	<u>\$223,830</u>

<u>Additional Credits</u>	<u>Total Margin</u>	<u>Grain Drying Margin Sharing Credit @ 90%</u>
August 2021	\$19,293	(\$17,364)
September	20,240	(18,216)
October	20,062	(18,056)
November	47,935	(43,142)
December	35,568	(32,011)
January 2022	29,085	(26,177)
February	23,266	(20,939)
March	22,962	(20,666)
April	22,722	(20,450)
May	19,881	(17,893)
June	18,667	(16,800)
July	20,055	(18,050)
Total	<u>\$299,736</u>	<u>(\$269,764)</u>