



A Subsidiary of MDU Resources Group, Inc.

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September 8, 2023

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-23-007

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

The Rate Summary Sheet (23rd Revised Sheet No. 3) showing the proposed natural gas rates reflecting the COG effective October 1, 2023 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 \$1.260 per dk for residential customers and firm general customers, a decrease of \$1.340 per dk for small and large interruptible customers, and a decrease of \$1.399 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 \$0.035 per dk since the August 1, 2023 rates due to an increase in the overall commodity price of gas. In addition, there was an update to the Company's firm dk requirements and changes in pipeline and other costs resulting in a decrease of \$0.536 per dk in North Dakota. Finally, this filing reflects the annual change in the surcharge adjustment, shown in Exhibit 6 to reflect a decrease of \$0.760, and the grain drying margin credit, shown in Exhibit 8 to reflect an increase of \$0.001.

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 \$3.567 per dk since the cost established in the May 2023 PGA filing. In addition, this filing reflects the annual change in the grain drying margin credit, an increase of \$0.001 per dk, for a change of \$3.568 per dk.

The following Exhibits are provided in support of the COG rates to be effective October 1, 2023:

- 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 2023.
- 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 2023 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 \$4.247 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. Montana-Dakota filed for similar treatment on October 31, 2022 in Case No. PU-23-007. Exhibit 3a - Public Copy is included in this filing.
- Exhibit 4 provides a summary of the change in pipeline rates occurring since the October 2022 PGA filing submitted September 8, 2022 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, 2023 through September 30, 2024.
- Exhibit 7 summarizes the cost of gas – propane calculated pursuant to the terms of Rate 99, which apply during the month of October 2023. The net effect of this filing is an increase of \$3.568 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 2023 PGA filing. The average cost of propane for all customers, adjusted for losses, is \$11.801 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 \$0.014 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, 2023 through September 30, 2024.

The COG changes, calculated in accordance with Rate 88 and Rate 99, will amount to a decrease of approximately \$1,688,900 for natural gas customers and an increase of approximately \$6,800 for propane customers during the month of October 2023. All Montana-Dakota's retail gas customers in North Dakota may be affected by this proposal. There were 112,459 natural gas customers and 330 propane customers in North Dakota as of August 31, 2023.

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 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) 222-7955 or 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

23rd Revised Sheet No. 3

Canceling 22nd 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	\$3.865	\$3.865
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	\$3.865 \$2.476 \$2.481	\$4.314 \$2.731 \$2.736
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	\$3.865 \$3.865	\$5.039 \$4.782
Small Interruptible Gas Rate 71	14	\$450.00 per month	(Maximum) \$0.566	\$2.476	(Maximum) \$3.042
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	\$3.990 \$3.990	\$5.164 \$4.907
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)	\$11.780 \$3.477
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	\$2.476	(Maximum) \$2.713
Residential Propane Rate 90	32	\$0.8244 per day	\$0.000	\$9.738	\$9.738
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	\$9.738 \$9.738	\$10.912 \$10.655

Date Filed: September 8, 2023

Effective Date: Service rendered on and after October 1, 2023

Issued By: Travis R. Jacobson
Director - Regulatory Affairs

Case No.: PU-23-007

MONTANA-DAKOTA UTILITIES CO.
COST OF GAS TARIFF SHEET
NORTH DAKOTA GAS
EFFECTIVE OCTOBER 2023

	Firm			Small & Large Interruptible	Air Force Interruptible
	Residential & General Service	Optional Seasonal	Contracted Demand		
<u>Gas Cost Adjustment:</u>					
Gas Cost Level (Exhibit 3)	\$4.247	\$4.372	\$2.699	\$2.890	\$2.877
Prior Filed Gas Cost (Effective 8/1/2023)	4.748	2.760	2.760	2.987	2.974
Current Gas Cost Adjustment	(\$0.501)	\$1.612	(\$0.061)	(\$0.097)	(\$0.097)
<u>Surcharge Adjustment:</u>					
Current Adjustment (Exhibit 6)	(\$0.368)	(\$0.368)	\$0.792	(\$0.414)	(\$0.396)
Prior Filed Adjustment	0.392	0.392	1.436	0.829	0.906
Change in Surcharge Adjustment	(\$0.760)	(\$0.760)	(\$0.644)	(\$1.243)	(\$1.302)
Gas Cost Level	\$4.247	\$4.372	\$2.699	\$2.890	\$2.877
Plus: Surcharge	(0.368)	(0.368)	0.792	(0.414)	(0.396)
Total Gas Cost Level in Tariff Rates	<u>\$3.879</u>	<u>\$4.004</u>	<u>\$3.491</u>	<u>\$2.476</u>	<u>\$2.481</u>
<u>Grain Drying Margin Sharing</u>					
Current Adjustment	(\$0.014)	(\$0.014)	(\$0.014)	\$0.000	\$0.000
Prior Filed Gas Cost	(0.015)	(0.015)	(0.015)	0.000	0.000
Change in Grain Drying Sharing Margin	\$0.001	\$0.001	\$0.001	\$0.000	\$0.000
Total Cost of Gas Billed	<u>\$3.865</u>	<u>\$3.990</u>	<u>\$3.477</u>	<u>\$2.476</u>	<u>\$2.481</u>
Net Increase (Decrease) in Gas Costs	<u>(\$1.260)</u>	<u>\$0.853</u>	<u>(\$0.704)</u>	<u>(\$1.340)</u>	<u>(\$1.399)</u>

**MONTANA-DAKOTA UTILITIES CO.
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA
RESIDENTIAL AND GENERAL SERVICE
EFFECTIVE OCTOBER 2023**

	<u>Amount</u>
Total Gas Costs 1/	\$70,973,221
Dk Requirements - Firm 2/	16,785,192
Average Cost of Gas per dk	\$4.228
Average Cost of Gas as Adjusted for Losses @ 99.55%	4.247
Less: Gas Cost Level in Rates 3/	4.748
Current Gas Cost Adjustment	(\$0.501)

- 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, 2023, adjusted for losses at .45%.
- 3/ Gas Cost Level in Current Tariff Rates Case No. PU-23-007 effective August 1, 2023:

Cost of Purchased Gas	\$4.727
Adjustment for Distribution Losses	99.55%
Gas Cost Level in Base Tariff Rates	\$4.748

**MONTANA-DAKOTA UTILITIES CO.
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA
NORTH DAKOTA - OPTIONAL SEASONAL - RATE 72
EFFECTIVE OCTOBER 2023**

	<u>Amount</u>
Total Gas Costs 1/	\$70,973,221
Less: Annual MDDQ Costs (Excludes Storage Capacity Reservation)	<u>25,864,710</u>
Total Gas Costs excluding MDDQ	\$45,108,511
Firm Service Requirements 1/	16,785,192
Other Gas Costs per Dk (excluding MDDQ)	\$2.687
<u>Winter - October - May</u> Annual MDDQ Costs	25,864,710
Winter Firm Service Requirements	15,533,404
MDDQ Costs per Winter Dk	\$1.665
Add: Other Gas Costs per Dk	<u>2.687</u>
Winter Seasonal Rate	\$4.352
Winter Seasonal Rate, adjusted for losses 2/	\$4.372
Less: Gas Cost Level in Rates 3/	<u>2.760</u>
Current Gas Cost Adjustment	<u><u>\$1.612</u></u>

1/ Exhibit 3, page 1.

2/ Loss factor of 0.45%.

3/ Gas Cost Level in Current Tariff Rates Case No. PU-23-007 effective August 1, 2023:

	<u>Summer</u>
Cost of Purchased Gas	\$2.748
Adjustment for Distribution Losses	99.55%
Gas Cost Level in Base Tariff Rates	\$2.760

**MONTANA-DAKOTA UTILITIES CO.
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA
FIRM GENERAL CONTRACTED DEMAND
EFFECTIVE OCTOBER 2023**

<u>Cost of Gas</u>	<u>Amount</u>
Total Gas Costs, Excluding Capacity 1/	\$45,108,511
Residential and General Service dk Requirements 2/	16,785,192
Average Cost of Gas per dk	\$2.687
Average Cost of Gas as Adjusted for Losses @ 99.55%	2.699
Less: Gas Cost Level in Rates 3/	<u>2.760</u>
Current Gas Cost Adjustment	<u><u>(\$0.061)</u></u>
<u>Capacity Charge</u>	
Current Monthly Capacity Charge 4/	\$11.78
Prior Filed Capacity Charge 3/	<u>14.99</u>
Current Capacity Charge Adjustment	<u><u>(\$3.21)</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/ Normalized dk sales for the twelve months ended June 30, 2023, adjusted for losses at .45%.
- 3/ Gas Cost Level in Current Tariff Rates Case No. PU-23-007 effective August 1, 2023:

Cost of Purchased Gas	\$2.748
Adjustment for Distribution Losses	0.9955
Gas Cost Level in Base Tariff Rates	\$2.760
Monthly Capacity Charge	\$14.99

- 4/ Annual MDDQ Costs divided by contracted capacity.

MONTANA-DAKOTA UTILITIES CO.
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA
INTERRUPTIBLE
EFFECTIVE OCTOBER 2023

	<u>Amount</u>
Total Gas Costs 1/	\$18,042,460
Dk Requirements - Interruptible	6,271,847
Average Cost of Gas per dk	\$2.877
Average Cost of Gas as Adjusted for Losses @ 99.55%	2.890
Less: Gas Cost Level in Rates 2/	<u>2.987</u>
Current Gas Cost Adjustment	<u><u>(\$0.097)</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-23-007 effective August 1, 2023:

Cost of Purchased Gas	\$2.974
Adjustment for Distribution Losses	99.55%
Gas Cost Level in Base Tariff Rates	\$2.987

MONTANA-DAKOTA UTILITIES CO.
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA
AIR FORCE INTERRUPTIBLE
EFFECTIVE OCTOBER 2023

	<u>Amount</u>
Total Gas Costs 1/	\$1,140,699
Dk Requirements - Air Force Interruptible	396,550
Average Cost of Gas per dk	\$2.877
Less: Gas Cost Level in Rates 2/	<u>2.974</u>
Current Gas Cost Adjustment	<u><u>(\$0.097)</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-23-007 effective August 1, 2023:

Cost of Purchased Gas	\$2.974
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**MONTANA-DAKOTA UTILITIES CO.
SUMMARY OF FIRM DK DELIVERIES, CAPACITY AND
CALCULATION OF INTERRUPTIBLE DEMAND
EFFECTIVE OCTOBER 2023**

	Normalized Firm Dk Deliveries 1/	Percent Firm
Montana	10,322,208	27.858570%
North Dakota	16,785,192	45.301494%
South Dakota	7,192,526	19.411882%
Wyoming	2,752,256	7.428054%
Total	<u>37,052,182</u>	<u>100.000000%</u>

	Total Capacity 2/	%
Montana	127,707	29.836132%
North Dakota	182,970	42.747204%
South Dakota	83,579	19.526526%
Wyoming	33,772	7.890138%
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, 2023, 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%

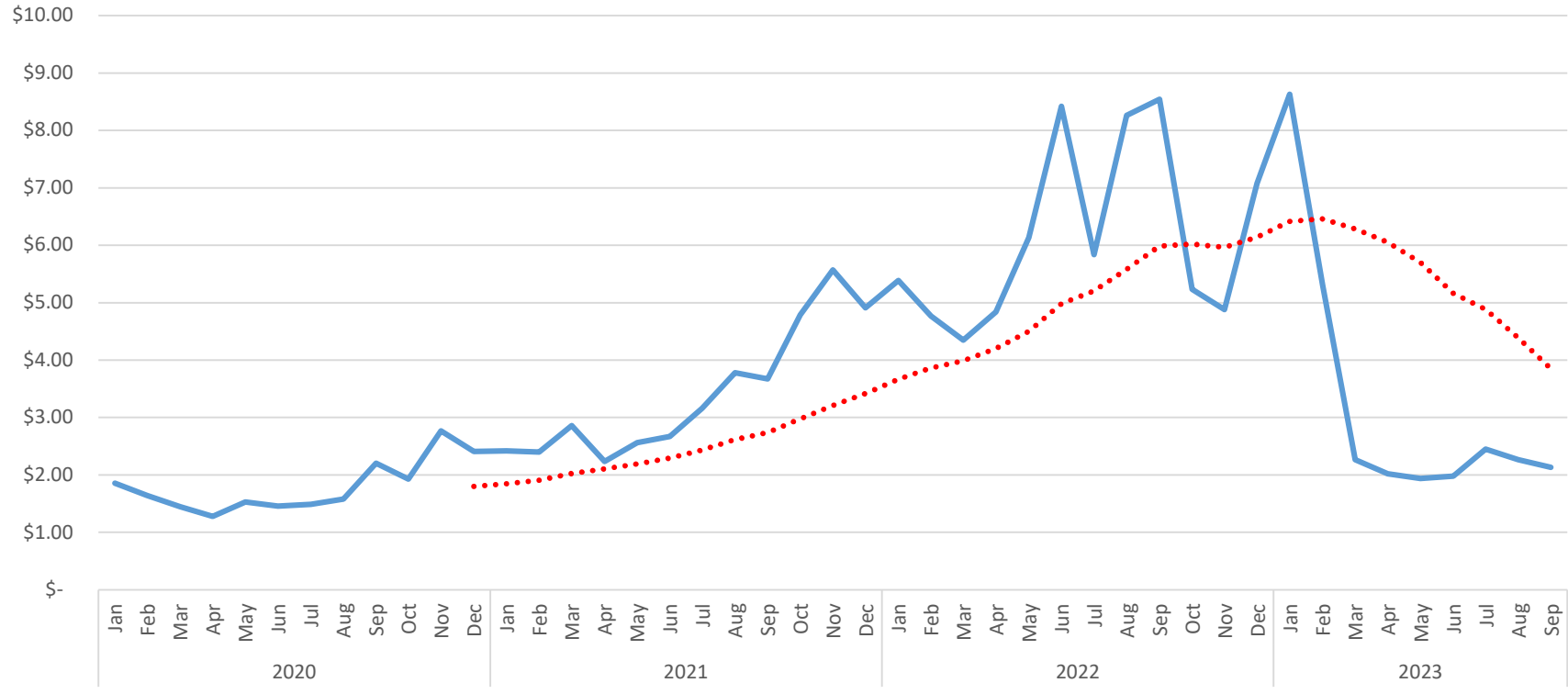
**Montana-Dakota Utilities Co.
Market Conditions for Regional Natural Gas
October 2023**

The established monthly price for Rocky Mountain CIG Index for this month expected to decrease by \$0.09/MMBTU to \$2.33/MMBTU in October 2023 from \$2.42/MMBTU in September 2023. 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 25, 2023 at 8.7 percent above the five-year average and 18.4 above 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

2020	\$	1.80
2021	\$	3.42
2022	\$	6.14
2023	\$	3.22

MONTANA-DAKOTA UTILITIES CO.
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA
NORTH DAKOTA GAS UTILITY
EFFECTIVE OCTOBER 2023

	<u>Requirements</u>	<u>Per Unit Cost</u>	<u>Amount</u>
<u>RESIDENTIAL AND GENERAL SERVICE</u>			
<i>Demand Costs - MDDQ</i>	182,970		
<i>Transportation & Storage Costs - Dk</i>	16,785,192		
<i>Commodity Costs - Dk</i>	16,785,192		
<i>Return on Rate Base</i>			
Demand Charges			\$121,465
Prepaid Commodity Balances			14,392
Cycle Storage Balances			93,163
<i>Total Return</i>			<u>\$229,020</u>
<i>Total Gas Costs - North Dakota only</i>			<u><u>\$70,973,221</u></u>
<u>INTERRUPTIBLE</u>			
<i>Demand Costs - MDDQ</i>	17,183		
<i>Transportation & Storage Costs - Dk</i>	6,271,847		
<i>Commodity Costs - Dk</i>	6,271,847		
<i>Return on Rate Base</i>			
Demand Charges			\$11,407
Prepaid Commodity Balances			1,352
Cycle Storage Balances			8,749
<i>Total Return</i>			<u>\$21,508</u>
<i>Total Gas Costs - North Dakota only</i>			<u><u>\$18,042,460</u></u>
<u>AIR FORCE INTERRUPTIBLE</u>			
<i>Demand Costs - MDDQ</i>	1,086		
<i>Transportation & Storage Costs - Dk</i>	396,550		
<i>Commodity Costs - Dk</i>	396,550		
<i>Return on Rate Base</i>			
Demand Charges			\$721
Prepaid Commodity Balances			85
Cycle Storage Balances			553
<i>Total Return</i>			<u>\$1,359</u>
<i>Total Gas Costs - North Dakota only</i>			<u><u>\$1,140,699</u></u>

**MONTANA-DAKOTA UTILITIES CO.
COMPUTATION OF CURRENT GAS COST ADJUSTMENT
TOTAL SYSTEM COSTS
EFFECTIVE OCTOBER 2023**

	<u>Quantity</u>		<u>Tariff Rate</u>	<u>Amount</u>
System Demand Charges				
Transportation Capacity Reservation (MDDQ)				
WBI FT-1	359,498	dk/Month	\$11.36247	\$49,017,423
WBI FT-1 (Valley Exp)		dk/Month	16.30144	
WBI FT-1 (Black Hills Exp)		dk/Month	12.10920	
WBI (Capacity Release)			1/	
NW T-FTG-1		dk/Month	12.02117	
Black Hills Gas		dk/Month	0.05325	
South Dakota Interstate Pipeline		dk/Month	9.81828	
Supplemental Transportation Capacity Reservation (MDDQ)				
Northern Border et. al.		dk/Month	11.30590	
Viking Gas Transmission		dk/Month	3.80600	
Viking Gas Transmission (Release) 2/		dk/Month	17.06000	
Viking Gas Transmission (Release) 3/		dk/Month	1.52400	
Viking Gas Transmission (Release) 4/		dk/Month	1.22400	
Storage Capacity Reservation (MDDQ)				
WBI FTN-1		dk/Month	0.29045	
WBI FS-1 Capacity Reservation		dk/Month	0.02632	
WBI FS-1 Deliverability Reservation		dk/Month	2.18996	
Total System Contracted Capacity		MDDQ		\$70,350,565
System Commodity Charges				
Transportation Charges				
WBI FT-1 Commodity		dk	\$0.02686	
WBI FT-1 Commodity (Black Hills Exp)		dk	0.00150	
NW T-FTG-1 Commodity		dk	0.05822	
Black Hills Gas Commodity		dk	0.54000	
Viking Gas Transmission		dk	0.01500	
Fuel Charges				
WBI - Fuel - Transportation		dk		
NW - Fuel - Transportation		dk		
NB - Fuel - Transportation		dk		
WBI - Electric Power		dk	0.00773	
Storage Charges				
WBI FS-1 Injection		dk	0.00959	
WBI FS-1 Withdrawal		dk	0.00959	
WBI - Fuel - Storage		dk		
WBI - Electric Power		dk	0.00057	
Subtotal - Transportation Costs		dk		
Gas Commodity Charges				
Gas Commodity		dk		
Total System Commodity Cost of Gas	37,052,182	dk		\$89,761,807

1/ Capacity release estimated based on actual releases for the 12 months ending July 2023.

2/ Seasonal capacity release for November 2022 through March 2023 at an average price of \$17.06 per dk/month.

3/ Seasonal capacity release for April 2023 through October 2023 at an average price of \$1.524 per dk/month.

4/ Seasonal capacity release for April 2023 through October 2023 at an average price of \$1.224 per dk/month.

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

Pipeline Rate Changes Since The 2022 Filing Submitted

WBI Energy. Docket No. RP23-377-004

On August 18, 2023, WBI Energy Transmission Inc. filed its Interim Settlement Rates and tariffs in Docket No. RP23-377-004 to be effective August 1, 2023.

Approximate impact on Montana-Dakota's cost of gas: (0.494) cents per dk for North Dakota.

NorthWestern Energy Docket No. 2022.07.077

On June 27, 2023, NorthWestern Energy filed its 2022 Natural Gas Tax Tracker filing in Docket No. 2022.07.077 to be effective July 1, 2023.

Approximate impact on Montana-Dakota's cost of gas: (0.002) cents per dk for North Dakota.

WBI Energy. Docket No. RP23-377-000

On January 27, 2023, WBI Energy Transmission Inc. filed its Rate Case to revise rates and tariffs in Docket No. RP23-377-000 to be effective August 1, 2023.

Approximate impact on Montana-Dakota's cost of gas: 0.672 cents per dk for North Dakota.

Viking Gas Transmission Co. Docket No. RP23-800-000

On May 31, 2023, Viking Gas Transmission Co. filed an interim adjustment to its fuel and loss retention percentages ("FLRP") in Docket No. RP23-800-000 to be effective July 1, 2023.

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

NOVA Gas Transmission Ltd.

On April 21, 2023, NGTL filed final rates for the Canada Energy Regulator (CER) to be effective June 1, 2023.

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

Black Hills Energy

On April 6, 2023, Black Hills Wyoming Gas filed to revise its fuel and lost and unaccounted for gas percentages to be effective June 1, 2023.

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 24, 2023, WBI Energy Transmission filed its Annual Fuel and Electric Power Reimbursement Adjustment in Docket No. RP23-507-000 to be effective April 1, 2023.

Approximate impact on Montana-Dakota's cost of gas: (0.029) cents per dk for North Dakota.

Viking Gas Transmission Co. Docket No.

On February 24, 2023, Viking Gas Transmission Co. filed its annual Load Management Cost Reconciliation Adjustment ("LMCRA") in Docket No. RP23-460-000 to be effective April 1, 2023.

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 May 31, 2022, NorthWestern Energy filed its 2022 Natural Gas Tax Tracker filing in Docket No. 2021.07.098 to be effective February 1, 2023.

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

NorthWestern Energy Docket No. 2022.12.106

On December 27, 2022, NorthWestern Energy filed its 2022 Electric and Natural Gas Tax Tracker filing in Docket No. 2022.12.106 to be effective January 1, 2023.

Approximate impact on Montana-Dakota's cost of gas: 0.005 cents per dk for North Dakota.

NOVA Gas Transmission Ltd.

On October 28, 2022, NGTL filed interim rates for the Canada Energy Regulator (CER) to be effective January 1, 2023.

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

Foothills Pipe Lines Ltd.

On November 4, 2022, TransCanada filed new rates for the Foothills Pipe Lines Ltd. System with the Canada Energy Regulator (CER) to be effective January 1, 2023.

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

Black Hills Energy

On October 31, 2022, Black Hills Wyoming Gas filed to revise its fuel and lost and unaccounted for gas percentages to be effective January 1, 2023.

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

Viking Gas Transmission Co. Docket No. RP-22-1239-0000

On September 23, 2022, Viking Gas Transmission Co. filed its Semi-Annual adjustment to its fuel and loss retention percentages in Docket No. RP22-1239-000 to be effective November 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 September 29, 2022, NorthWestern Energy filed its 2022 Electric and Natural Gas Tax Tracker filing in Docket No. 2022.07.078 to be effective October 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: 0.001 cents per dk for North Dakota.

WBI Energy Transmission Inc. Docket No. RP22-1174-000

On August 31, 2022, WBI Energy Transmission filed its Semi-Annual Fuel and Electric Power Reimbursement Adjustment in Docket No. RP22-1174-000 to be effective October 1, 2022.

Approximate impact on Montana-Dakota's cost of gas: (0.032) cents per dk for North Dakota.

NOVA Gas Transmission Ltd.

On September 28, 2022, NGTL filed revised final rates for the Canada Energy Regulator (CER) to be effective October 1, 2022.

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 2023**

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/	\$0.1330
GJ/d conversion to MMBtu	1.0551
Currency Exchange Rate 3/	<u>0.7364</u>
	0.1033
NOVA - FT-D	
Demand Rate (Canadian GJ/d) 4/	\$0.1858
GJ/d conversion to MMBtu	1.0551
Currency Exchange Rate 3/	<u>0.7364</u>
	0.1444
Northern Border Et Al Rate (dk/Day)	<u><u>\$0.3717</u></u>
Northern Border Et Al Rate (dk/Month)	<u><u>\$11.3059</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, 2023.
- 3/ Exchange rate per September 1, 2023 Gas Daily.
- 4/ FT-D Demand Rate per Month, Empress/McNeill Border, rates effective June 1, 2023 (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 2023**

<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	11.984371	1,538,793
			1,543,518
Demand charge per dk			\$12.02117
<u>Commodity: 3/</u>			\$0.05822

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

2/ Firm Transportation Reservation Rate (T-FTG-1), see Exhibit 4, page 17.
64th Revised Sheet No. 80.1, effective July 1, 2023.

3/ Firm Transmission Commodity Rate (T-FTG-1)
64th Revised Sheet No. 80.1, effective July 1, 2023.

Transportation (max)	\$0.071996
GTAC	(0.013781)
Total T-FTG-1 Rate (max)	\$0.058215

MONTANA-DAKOTA UTILITIES CO.
SOUTH DAKOTA INTRASTATE PIPELINE TRANSPORTATION CHARGES
EFFECTIVE OCTOBER 2023

<u>Demand:</u>	<u>Monthly Rate 1/</u>	<u>Daily Capacity 2/</u>	<u>Total</u>
MDDQ	\$160,741.08		
Estimated Interruptible Credit 3/	(49,500.00)		
	111,241.08	11,330	\$9.81828

1/ SD Intrastate Pipeline 2nd Revised Sheet No. 1 effective November 1, 2019 through August 31, 2023, see Exhibit 4, page 18. The transportation rate is \$160,741.08 monthly effective September 1, 2023.

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 2023.

**MONTANA-DAKOTA UTILITIES CO.
BLACK HILLS GAS TRANSPORTATION CHARGES
EFFECTIVE OCTOBER 2023**

<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		\$0.05325
<u>Commodity: 2/</u>			
Transportation			\$0.5400

1/ One meter @ \$114/meter and Off-system Firm Transport fee @ \$99/meter. Black Hills WY Gas Section B, Ninth Sheet No. 11, see Exhibit 4, page 19.
2/ Discount Agreement for Montana-Dakota Utilities Co. on Firm Transportation Service Agreement #6001729 effective November 1, 2022 through October 31, 2024.

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.	1136.247	N.A.	N.A.	1136.247
MINIMUM	RATE PER EQV. DKT PER MO	0.000	N.A.	N.A.	0.000
COMMODITY CHARGE					
MAXIMUM A/B/C/	RATE PER DKT	2.546	N.A.	N.A.	2.546
MINIMUM A/B/C/	RATE PER DKT	2.546	N.A.	N.A.	2.546
SCHEDULED OVERRUN CHARGE					
MAXIMUM A/B/C/	RATE PER DKT	39.186	N.A.	N.A.	39.186
MINIMUM A/B/C/	RATE PER DKT	2.546	N.A.	N.A.	2.546
VOLUMETRIC CAPACITY RELEASE CHARGE					
MAXIMUM	RATE PER DKT	37.356	N.A.	N.A.	37.356
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.	1630.144	N.A.	N.A.	1630.144
MINIMUM	RATE PER EQV. DKT PER MO.	0.000	N.A.	N.A.	0.000
COMMODITY CHARGE					
MAXIMUM C/D/E/	RATE PER DKT	2.546	N.A.	N.A.	2.546
MINIMUM C/D/E/	RATE PER DKT	2.546	N.A.	N.A.	2.546
SCHEDULED OVERRUN CHARGE					
MAXIMUM C/D/E/	RATE PER DKT	39.186	N.A.	N.A.	39.186
MINIMUM C/D/E/	RATE PER DKT	2.546	N.A.	N.A.	2.546
VOLUMETRIC CAPACITY RELEASE CHARGE					
MAXIMUM	RATE PER DKT	53.594	N.A.	N.A.	53.594
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.	29.045	N.A.	N.A.	29.045
MINIMUM	RATE PER EQV. DKT PER MO.	0.933	N.A.	N.A.	0.933
VOLUMETRIC CAPACITY RELEASE CHARGE					
MAXIMUM	RATE PER DKT	0.955	N.A.	N.A.	0.955
MINIMUM	RATE PER DKT	0.031	N.A.	N.A.	0.031

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.	2.632	N.A.	N.A.	2.632
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.	218.996	N.A.	N.A.	218.996
MINIMUM	RATE PER EQV. DKT PER MO.	0.000	N.A.	N.A.	0.000
INJECTION CHARGE					
MAXIMUM A/B/	RATE PER DKT	0.959	N.A.	N.A.	0.959
MINIMUM A/B/	RATE PER DKT	0.959	N.A.	N.A.	0.959
WITHDRAWAL CHARGE					
MAXIMUM A/B/	RATE PER DKT	0.959	N.A.	N.A.	0.959
MINIMUM A/B/	RATE PER DKT	0.959	N.A.	N.A.	0.959
SCHEDULED OVERRUN CHARGE					
INJECTION					
MAXIMUM A/B/	RATE PER DKT	21.674	N.A.	N.A.	21.674
MINIMUM A/B/	RATE PER DKT	0.959	N.A.	N.A.	0.959
WITHDRAWAL					
MAXIMUM A/B/	RATE PER DKT	21.674	N.A.	N.A.	21.674
MINIMUM A/B/	RATE PER DKT	0.959	N.A.	N.A.	0.959

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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>
Integrated System			
FUEL USE REIMBURSEMENT	0.994%	(0.184)%	0.810%
L&U REIMBURSEMENT	0.242%	(0.158)%	0.084%
North Badlands System			
FUEL USE REIMBURSEMENT	0.000	0.000	0.000
L&U REIMBURSEMENT	(0.311)	0.000	(0.311)
Round Prairie System			
FUEL USE REIMBURSEMENT	0.000	0.000	0.000
L&U REIMBURSEMENT	(0.228)	0.000	(0.228)

STORAGE - RATE SCHEDULES FS-1 AND IS-1

	<u>CURRENT PERCENTAGE</u>	<u>DEFERRAL PERCENTAGE</u>	<u>TOTAL PERCENTAGE</u>
FUEL USE REIMBURSEMENT	0.100%	(0.214)%	(0.114)%
L&U REIMBURSEMENT	0.140%	0.064%	0.204%

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>
Integrated System ELECTRIC POWER REIMBURSEMENT	0.690	0.083	0.773
North Badlands System ELECTRIC POWER REIMBURSEMENT	0.000	0.000	0.000
Round Prairie System ELECTRIC POWER REIMBURSEMENT	0.000	0.000	0.000

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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	0.057	0.057

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.

Final June-December 2023 Rates

Exhibit 4
Page 15 of 21**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) \$283.02 / 10 ³ m ³ / 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 ¹	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 \$6.19 / GJ / month FT-D Demand Rate for Group 2 Delivery Points \$8.37 / GJ / month FT-D Demand Rate for Group 3 Delivery Points \$10.05 / 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 ¹	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 ¹	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	\$1,138 / day	3.1 / 10 ³ m ³ / day
	9021-01000-1	\$4,896 / day	11.0 / 10 ³ m ³ / day
	9022-01000-0	\$1,690 / day	3.6 / 10 ³ m ³ / day
	9022-01001-0	\$3,071 / day	11.0 / 10 ³ m ³ / day
	9022-01002-0	\$3,997 / day	14.6 / 10 ³ m ³ / day
11. Rate Schedule OS	<u>Schedule No.</u>	<u>Charge</u>	
	2022993541 / 2022956310	\$127.71 / 10 ³ m ³ / month	
	2022017998	\$666 / month	
	2003004522	Applicable IT-R and IT-D Rate	
	2011476052 /	\$0.2753 / GJ subject to	
	2011476054	\$717,000 Minimum Annual Charge	
	2017887638 / 2011476092	\$0.095 / GJ and	
	2016721799 / 2016759254	\$1,000 / month	
	2021735873 / 2019305573	\$7.54 / GJ / month and Applicable IT-D Rate on Over-Run	
12. Rate Schedule CO ₂	Tier	<u>1</u>	<u>2</u> <u>3</u>
	CO ₂ Rate (/ 10 ³ m ³)	\$625.19	\$494.89 \$324.51
13. Monthly Abandonment Surcharge ²		\$6.94 / 10 ³ m ³ / month	\$0.18 / GJ / month
14. Daily Abandonment Surcharge ³		\$0.23 / 10 ³ m ³ / day	\$0.0060 / GJ / day
15. Federal Fuel Charge ⁴	Marketable Natural Gas ⁵		\$0.1239 / m ³

1. 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.

2. Monthly Abandonment Surcharge applicable to Rate Schedules FT-R, FT-D, FT-P, FT-RN, FT-DW, and STFT, and the following Schedules OS: 2022993541, 2022956310, 2022017998, 2021735873, 2019305573.

3. 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.

4. 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.

5. See FCN12 Canada Revenue Agency Administrative Position regarding Marketable Natural Gas under Part 1 of the Greenhouse Gas Pollution Pricing Act.

Final June-December 2023 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	6.61	0.2391
31111	ALLIANCE CLAIRMONT INTERCONNECT APN	5.95	0.2151
31110	ALLIANCE EDSON INTERCONNECT APN	5.95	0.2151
31112	ALLIANCE SHELL CREEK INTERCONNECT APGC	5.95	0.2151
1958	EMPRESS BORDER	5.95	0.2151
3886	GORDONDALE BORDER	5.95	0.2151
6404	MCNEILL BORDER	5.95	0.2151

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 ¹
31000	A.T. PLASTICS SALES APN	8.37	0.3028	Yes
31001	ADM AGRI INDUSTRIES SALES APN	8.37	0.3028	Yes
3880	AECO INTERCONNECTION	8.37	0.3028	
31003	AGRIUM CARSELAND SALES APS	8.37	0.3028	
31002	AGRIUM FT. SASK SALES APN	8.37	0.3028	Yes
31004	AGRIUM REDWATER SALES APN	8.37	0.3028	
31005	AINSWORTH SALES APGP	8.37	0.3028	
31006	AIR LIQUIDE SALES APN	8.37	0.3028	
6126	AITKEN CREEK SOUTH SALES ²	10.73	0.3805	
3820	AITKEN CREEK INTERCONNECT ²	10.73	0.3805	
3214	AKUINU RIVER WEST SALES	8.37	0.3028	
31007	ALBERTA ENVIROFUELS SALES APN	8.37	0.3028	Yes ³
31008	ALBERTA HOSPITAL SALES APN	8.37	0.3028	Yes
3868	ALBERTA-MONTANA BORDER	8.37	0.3028	
3297	ALDER FLATS SOUTH NO 2 SALES	8.37	0.3028	
3059	ALLISON CREEK SALES	8.37	0.3028	
6132	ALTARES SALES ²	10.73	0.3805	
6133	ALTARES SOUTH SALES ²	10.73	0.3805	
31009	ALTASTEEL SALES APN	8.37	0.3028	Yes ³
6145	ANDERSON LAKE SALES	8.37	0.3028	
31012	APL JASPER SALES APN	8.37	0.3028	Yes
3488	ARDLEY SALES	8.37	0.3028	
3237	ASPEN SALES	8.37	0.3028	
3662	ATUSIS CREEK EAST SALES	8.37	0.3028	
3216	AURORA NO 2 SALES	8.37	0.3028	
3135	AURORA SALES	8.37	0.3028	
3288	BANTRY SALES	8.37	0.3028	
3423	BASHAW WEST SALES	8.37	0.3028	
6158	BASSET LAKE WEST SALES	8.37	0.3028	
31013	BAYMAG SALES APS	8.37	0.3028	
6112	BAY TREE SALES	8.37	0.3028	
31014	BEAR CREEK COGEN SALES APGP	8.37	0.3028	
3299	BEAR RIVER WEST SALES	8.37	0.3028	
3068	BEAVER HILLS SALES	8.37	0.3028	
3268	BENBOW SOUTH SALES	8.37	0.3028	
3933	BIG EDDY INTERCONNECTION	8.37	0.3028	

**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
2nd Revised Sheet No. 1
Cancelling 1st 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	(\$0.0000)	\$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				\$0.0285

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 = 0.197%
Storage Injection Fuel and Lost and Unaccounted For Gas percentage = 2.573%
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 = 1.279%

Cody Division

Transmission and Gas Cost Adjustment Fuel and Lost and Unaccounted For Gas percentage = 2.318%

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 = 0.000%
Distribution and Gas Cost Adjustment Fuel and Lost and Unaccounted for Gas percentage = 0.834%

Torrington Division

Choice Gas Service Distribution Fuel and Lost and Unaccounted For Gas Reconciliation percentage = 2.739%
Distribution and Gas Cost Adjustment Fuel and Lost and Unaccounted For Gas percentage = 2.291%

STATEMENT OF RATES
 (Rates Per Dekatherm)

Currently Effective Term-Differentiated Rates

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

1/ 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	0.00%
Zone 1-2	\$0.0136	0.00%
Zone 2-2	\$0.0136	0.00%
Minimum Rate	\$0.0136	
IT and AOT		
Zone 1-1	\$0.1422	0.00%
Zone 1-2	\$0.1750	0.00%
Zone 2-2	\$0.0995	0.00%
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		\$0.0390	

- 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 2023**

	General Service		
	Storage Balance 1/	Prepaid Commodity Balance 2/	Prepaid Demand 1/
October 2023	\$7,840,458	\$352,125	\$6,094,896
November	6,936,584	326,085	4,996,076
December	3,919,485	239,166	2,480,964
January 2024	528,102	158,025	(441,665)
February	(2,789,580)	78,648	(2,698,684)
March	(4,576,345)	35,891	(3,922,071)
April	(5,518,947)	13,335	(3,652,238)
May	(4,487,425)	38,019	(2,123,382)
June	(2,634,527)	82,358	(50,410)
July	(714,307)	128,308	2,005,523
August	1,380,558	174,315	4,061,456
September	5,248,431	259,544	5,892,286
October	9,352,888	351,838	6,243,105
13 month average	<u>\$1,114,260</u>	<u>\$172,127</u>	<u>\$1,452,758</u>
Rate of Return	6.851%	6.851%	6.851%
Return	\$76,338	\$11,792	\$99,528
Return Requirement	<u>\$93,163</u>	<u>\$14,392</u>	<u>\$121,465</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, 2023 THROUGH SEPTEMBER 30, 2024
FOR INFORMATION ONLY**

(Over)/under recovered gas costs @ July 31, 2023 (\$5,993,231)

Less: Projected recovery from rates already established

	Volume	Rate	Amount
August	251,000	\$0.392	98,392
September	378,000	0.392	148,176
	629,000		246,568

Additional recovery required (\$6,239,799)

Projected sales volumes (dk)

October 2023	1,206,000		
November	2,049,000		
December	2,854,000		
January 2024	3,083,000		
February	2,705,000		
March	2,118,000		
April	1,270,000		
May	555,000		
June	246,000		
July	254,000		
August	254,000		
September	381,000		
Total			<u>16,975,000</u>

Total (over)/under recovered gas cost adjustment
to be effective October 1, 2023 through September 30, 2024 (\$0.368)

**MONTANA-DAKOTA UTILITIES CO.
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ADJUSTMENT
APPLICABLE TO NORTH DAKOTA
INTERRUPTIBLE
TO BE EFFECTIVE OCTOBER 1, 2023 THROUGH SEPTEMBER 30, 2024**

(Over)/under recovered gas costs @ July 31, 2023 (\$245,864)

Less: Projected recovery from rates already established

	Volume	Rate	Amount
August	20,000	\$0.829	16,580
September	27,000	0.829	22,383
	47,000		38,963

Additional recovery required (\$284,827)

Projected sales volumes (dk)

October 2023	78,000		
November	115,000		
December	93,000		
January 2024	87,000		
February	87,000		
March	78,000		
April	42,000		
May	24,000		
June	21,000		
July	16,000		
August	20,000		
September	27,000		
Total			688,000

Total (over)/under recovered gas cost adjustment
to be effective October 1, 2023 through September 30, 2024 (\$0.414)

**MONTANA-DAKOTA UTILITIES CO.
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ADJUSTMENT
APPLICABLE TO NORTH DAKOTA
AIR FORCE INTERRUPTIBLE
TO BE EFFECTIVE OCTOBER 1, 2023 THROUGH SEPTEMBER 30, 2024**

(Over)/under recovered gas costs @ July 31, 2023 (\$169,413)

Less: Projected recovery from rates already established

	Volume	Rate	Amount
August	6,000	\$0.906	5,436
September	6,000	0.906	5,436
	12,000		10,872

Additional recovery required (\$180,285)

Projected sales volumes (dk)

October 2023		9,000	
November		28,000	
December		59,000	
January 2024		81,000	
February		72,000	
March		64,000	
April		69,000	
May		44,000	
June		12,000	
July		5,000	
August		6,000	
September		6,000	
Total			455,000

Total (over)/under recovered gas cost adjustment
to be effective October 1, 2023 through September 30, 2024 (\$0.396)

**MONTANA-DAKOTA UTILITIES CO.
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ADJUSTMENT
APPLICABLE TO NORTH DAKOTA
CONTRACTED DEMAND
TO BE EFFECTIVE OCTOBER 1, 2023 THROUGH SEPTEMBER 30, 2024**

(Over)/under recovered gas costs @ July 31, 2023 \$195,316

Less: Projected recovery from rates already established

	Volume	Rate	Amount
August	13,000	\$1.436	18,668
September	11,000	1.436	15,796
	24,000		34,464

Additional recovery required \$160,852

Projected sales volumes (dk)

October 2023	15,000		
November	19,000		
December	23,000		
January 2024	25,000		
February	24,000		
March	20,000		
April	15,000		
May	12,000		
June	12,000		
July	14,000		
August	13,000		
September	11,000		
Total 1/			<u>203,000</u>

Total (over)/under recovered gas cost adjustment
to be effective October 1, 2023 through September 30, 2024 \$0.792

**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
Balance @ July 31, 2022									<u>\$7,762,356</u>
August	\$3,927,418	\$0	\$12,811	\$3,940,229	307,779	\$1.850	\$569,392	\$3,370,837	11,133,193
September	3,137,691	0	21,868	3,159,559	300,458	1.850	555,847	2,603,712	13,736,905
October	(226,173)	0	32,040	(194,133)	475,760	0.392	604,186	2/ (798,319)	12,938,586
November	(2,620,328)	0	33,573	(2,586,755)	1,177,977	0.392	461,767	(3,048,522)	9,890,064
December	(825,350)	0	26,136	(799,214)	2,675,164	0.392	1,048,663	(1,847,877)	8,042,187
January 2023	448,048	0	22,575	470,623	3,289,326	0.392	1,289,416	(818,793)	7,223,394
February	268,054	0	20,676	288,730	2,482,264	0.392	973,048	(684,318)	6,539,076
March	(2,315,577)	0	18,786	(2,296,791)	2,961,059	0.392	1,160,736	(3,457,527)	3,081,549
April	(3,488,494)	0	8,950	(3,479,544)	2,171,065	0.392	851,058	(4,330,602)	(1,249,053)
May	(1,624,553)	0	(6,201)	(1,630,754)	1,268,810	0.392	497,373	(2,128,127)	(3,377,180)
June	(1,367,569)	0	(15,339)	(1,382,908)	442,531	0.392	173,472	(1,556,380)	(4,933,560)
July	(920,661)	0	(22,344)	(943,005)	297,615	0.392	116,666	(1,059,671)	(5,993,231)
	<u>(\$5,607,494)</u>	<u>\$0</u>	<u>\$153,531</u>	<u>(\$5,453,963)</u>	<u>17,849,808</u>		<u>\$8,301,624</u>	<u>(\$13,755,587)</u>	
Balance @ July 31, 2023									<u>(\$5,993,231)</u>

1/ Interest calculated at Three Month Treasury Bill rate.
2/ Reflects 286,480 dk @ \$1.850 and 189,280 dk @ \$0.392.

**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
Balance @ July 31, 2022									<u><u>\$629,915</u></u>
August	\$79,916	\$0	\$1,041	\$80,957	20,963	\$0.353	\$7,400	\$73,557	703,472
September	100,384	0	1,382	101,766	26,389	0.353	9,316	92,450	795,922
October	(63,191)	0	1,856	(61,335)	38,707	0.829	20,075 2/	(81,410)	714,512
November	(218,287)	0	1,853	(216,434)	86,032	0.829	71,321	(287,755)	426,757
December	704	0	1,122	1,826	86,608	0.829	71,798	(69,972)	356,785
January 2023	26,851	0	996	27,847	88,183	0.829	73,103	(45,256)	311,529
February	(25,189)	0	885	(24,304)	77,896	0.829	64,575	(88,879)	222,650
March	(77,257)	0	628	(76,629)	77,014	0.829	63,845	(140,474)	82,176
April	(76,327)	0	222	(76,105)	69,736	0.829	57,811	(133,916)	(51,740)
May	(57,009)	0	(267)	(57,276)	45,145	0.829	37,426	(94,702)	(146,442)
June	(43,936)	0	(674)	(44,610)	23,090	0.829	19,141	(63,751)	(210,193)
July	(17,345)	0	(961)	(18,306)	20,947	0.829	17,365	(35,671)	(245,864)
	<u>(\$370,686)</u>	<u>\$0</u>	<u>\$8,083</u>	<u>(\$362,603)</u>	<u>660,710</u>		<u>\$513,176</u>	<u>(\$875,779)</u>	
Balance @ July 31, 2023									<u><u>(\$245,864)</u></u>

1/ Interest calculated at Three Month Treasury Bill rate.

2/ Reflects 25,238 dk @ \$0.353 and 13,469 dk @ \$0.829.

**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
Balance @ July 31, 2022									<u>\$368,012</u>
August	(\$71,364)	\$0	\$608	(\$70,756)	6,095	\$0.520	\$3,170	(\$73,926)	294,086
September	175,111	0	577	175,688	5,805	0.520	3,019	172,669	466,755
October	4,830	0	1,089	5,919	8,708	0.906	4,528 2/	1,391	468,146
November	(93,282)	0	1,215	(92,067)	27,963	0.906	25,334	(117,401)	350,745
December	(14,722)	0	927	(13,795)	59,459	0.906	53,869	(67,664)	283,081
January 2023	41,300	0	795	42,095	81,311	0.906	73,668	(31,573)	251,508
February	6,707	0	720	7,427	71,908	0.906	65,149	(57,722)	193,786
March	(17,038)	0	554	(16,484)	64,029	0.906	58,010	(74,494)	119,292
April	(60,580)	0	349	(60,231)	68,947	0.906	62,466	(122,697)	(3,405)
May	(26,966)	0	(44)	(27,010)	43,989	0.906	39,853	(66,863)	(70,268)
June	(28,969)	0	(331)	(29,300)	12,129	0.906	10,988	(40,288)	(110,556)
July	(53,714)	0	(511)	(54,225)	5,112	0.906	4,632	(58,857)	(169,413)
	<u>(\$138,687)</u>	<u>\$0</u>	<u>\$5,948</u>	<u>(\$132,739)</u>	<u>455,455</u>		<u>\$404,686</u>	<u>(\$537,425)</u>	
Balance @ July 31, 2023									<u>(\$169,413)</u>

1/ Interest calculated at Three Month Treasury Bill rate.

2/ Reflects 8,708 dk @ \$0.520 and 0 dk @ \$0.906.

**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
Balance @ July 31, 2022									<u><u>\$307,001</u></u>
August	\$145,333	\$0	\$507	\$145,840	17,575	\$0.675	\$11,863	\$133,977	440,978
September	169,165	0	867	170,032	13,717	0.675	9,259	160,773	601,751
October	(8,710)	0	1,405	(7,305)	10,908	1.436	7,367 2/	(14,672)	587,079
November	(67,555)	0	1,525	(66,030)	10,947	1.436	15,719	(81,749)	505,330
December	1,366	0	1,339	2,705	20,637	1.436	29,634	(26,929)	478,401
January 2023	9,488	0	1,350	10,838	26,047	1.436	37,404	(26,566)	451,835
February	(70)	0	1,301	1,231	20,358	1.436	29,234	(28,003)	423,832
March	(13,696)	0	1,226	(12,470)	24,169	1.436	34,706	(47,176)	376,656
April	(18,001)	0	1,137	(16,864)	20,049	1.436	28,790	(45,654)	331,002
May	(20,421)	0	1,371	(19,050)	17,700	1.436	25,417	(44,467)	286,535
June	(30,531)	0	1,179	(29,352)	12,180	1.436	17,491	(46,843)	239,692
July	(26,104)	0	990	(25,114)	13,413	1.436	19,262	(44,376)	195,316
	<u>\$140,264</u>	<u>\$0</u>	<u>\$14,197</u>	<u>\$154,461</u>	<u>207,700</u>		<u>\$266,146</u>	<u>(\$111,685)</u>	
Balance @ July 31, 2023									<u><u>\$195,316</u></u>

1/ Interest calculated at Three Month Treasury Bill rate.

2/ Reflects 10,902 dk @ \$0.675 and 6 dk @ \$1.436.

**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 2022</u>								
Cost of Gas - Actual	\$17.00687	\$21.18306	\$17.00687		\$7.35769	\$6.08680	\$7.35769	
Cost of Gas - Recovered	7.11000	8.42800	8.42800		5.72200	7.04000	7.04000	
(Over) Under recovery per dk	\$9.89687	\$12.75506	\$8.57887		\$1.63569	(\$0.95320)	\$0.31769	
dk billed	98,265	282,725	(76,246)	304,744	1,416	0	1,619	3,035
(Over) Under recovery	\$972,518	\$3,606,173	(\$654,104)	\$3,924,587	\$2,317	\$0	\$514	\$2,831
<u>September 2022</u>								
Cost of Gas - Actual	\$8.74890	\$17.00687	\$8.74890		\$7.39475	\$7.35769	\$7.39475	
Cost of Gas - Recovered	8.45400	7.11000	7.11000		7.04600	5.72200	5.72200	
(Over) Under recovery per dk	\$0.29490	\$9.89687	\$1.63890		\$0.34875	\$1.63569	\$1.67275	
dk billed	101,195	336,881	(138,896)	299,180	546	0	732	1,278
(Over) Under recovery	\$29,842	\$3,334,070	(\$227,636)	\$3,136,276	\$190	\$0	\$1,225	\$1,415
<u>October 2022</u>								
Cost of Gas - Actual	\$6.59025	\$8.74890	\$6.59025		\$5.46065	\$7.39475	\$5.46065	
Cost of Gas - Recovered	9.71800	8.45400	8.45400		9.83200	7.04600	7.04600	
(Over) Under recovery per dk	(\$3.12775)	\$0.29490	(\$1.86375)		(\$4.37135)	\$0.34875	(\$1.58535)	
dk billed	189,193	416,844	(130,585)	475,452	87	0	221	308
(Over) Under recovery	(\$591,750)	\$122,927	\$243,379	(\$225,444)	(\$379)	\$0	(\$350)	(\$729)
<u>November 2022</u>								
Cost of Gas - Actual	\$6.61375	\$6.59025	\$6.61375		\$6.98821	\$5.46065	\$6.98821	
Cost of Gas - Recovered	7.11700	9.71800	9.71800		7.23400	9.83200	9.83200	
(Over) Under recovery per dk	(\$0.50325)	(\$3.12775)	(\$3.10425)		(\$0.24579)	(\$4.37135)	(\$2.84379)	
dk billed	406,077	854,376	(82,969)	1,177,484	58	0	435	493
(Over) Under recovery	(\$204,358)	(\$2,672,274)	\$257,556	(\$2,619,076)	(\$14)	\$0	(\$1,238)	(\$1,252)
<u>December 2022</u>								
Cost of Gas - Actual	\$6.88273	\$6.61375	\$6.88273		\$7.37417	\$6.98821	\$7.37417	
Cost of Gas - Recovered	6.74000	7.11700	7.11700		6.85500	7.23400	7.23400	
(Over) Under recovery per dk	\$0.14273	(\$0.50325)	(\$0.23427)		\$0.51917	(\$0.24579)	\$0.14017	
dk billed	844,177	1,923,143	(93,034)	2,674,286	170	0	708	878
(Over) Under recovery	\$120,489	(\$967,821)	\$21,795	(\$825,537)	\$88	\$0	\$99	\$187
<u>January 2023</u>								
Cost of Gas - Actual	\$6.85275	\$6.88273	\$6.85275		\$6.92541	\$7.37417	\$6.92541	
Cost of Gas - Recovered	6.74000	6.74000	6.74000		6.85500	6.85500	6.85500	
(Over) Under recovery per dk	\$0.11275	\$0.14273	\$0.11275		\$0.07041	\$0.51917	\$0.07041	
dk billed	0	2,575,522	712,909	3,288,431	0	0	895	895
(Over) Under recovery	\$0	\$367,604	\$80,381	\$447,985	\$0	\$0	\$63	\$63

- 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 2023</u>								
Cost of Gas - Actual	\$5.75523	\$6.85275	\$5.75523		\$5.94808	\$6.92541	\$5.94808	
Cost of Gas - Recovered	6.13700	6.74000	6.74000		6.25000	6.85500	6.85500	
(Over) Under recovery per dk	(\$0.38177)	\$0.11275	(\$0.98477)		(\$0.30192)	\$0.07041	(\$0.90692)	
dk billed	685,544	2,094,727	(298,826)	2,481,445	101	0	718	819
(Over) Under recovery	(\$261,720)	\$236,181	\$294,275	\$268,736	(\$31)	\$0	(\$651)	(\$682)
<u>March 2023</u>								
Cost of Gas - Actual	\$3.79290	\$5.75523	\$3.79290		\$4.37285	\$5.94808	\$4.37285	
Cost of Gas - Recovered	5.66400	6.13700	6.13700		5.82600	6.25000	6.25000	
(Over) Under recovery per dk	(\$1.87110)	(\$0.38177)	(\$2.34410)		(\$1.45315)	\$ (0.30192)	\$ (1.87715)	
dk billed	1,027,020	2,109,335	(176,077)	2,960,278	201	0	580	781
(Over) Under recovery	(\$1,921,657)	(\$805,281)	\$412,741	(\$2,314,197)	(\$291)	\$0	(\$1,089)	(\$1,380)
<u>April 2023</u>								
Cost of Gas - Actual	\$3.34448	\$3.79290	\$3.34448		\$3.84773	\$4.37285	\$3.84773	
Cost of Gas - Recovered	4.48000	5.66400	5.66400		4.59600	5.82600	5.82600	
(Over) Under recovery per dk	(\$1.13552)	(\$1.87110)	(\$2.31952)		(\$0.74827)	(\$1.45315)	(\$1.97827)	
dk billed	618,548	1,816,597	(264,737)	2,170,408	123	0	534	657
(Over) Under recovery	(\$702,374)	(\$3,399,035)	\$614,062	(\$3,487,347)	(\$92)	\$0	(\$1,055)	(1,147)
<u>May 2023</u>								
Cost of Gas - Actual	\$1.51173	\$3.34448	\$1.51173		\$3.14750	\$3.84773	\$3.14750	
Cost of Gas - Recovered	4.48000	4.48000	4.48000		4.59600	4.59600	4.59600	
(Over) Under recovery per dk	(\$2.96827)	(\$1.13552)	(\$2.96827)		(\$1.44850)	(\$0.74827)	(\$1.44850)	
dk billed	0	1,168,132	100,201	1,268,333	0	0	477	477
(Over) Under recovery	\$0	(\$1,326,438)	(\$297,425)	(\$1,623,863)	\$0	\$0	(\$690)	(690)
<u>June 2023</u>								
Cost of Gas - Actual	(\$0.00137)	\$1.51173	(\$0.00137)		\$3.12856	\$3.14750	\$3.12856	
Cost of Gas - Recovered	4.08200	4.48000	4.48000		2.66400	4.59600	4.59600	
(Over) Under recovery per dk	(\$4.08337)	(\$2.96827)	(\$4.48137)		\$0.46456	(\$1.44850)	(\$1.46744)	
dk billed	123,035	371,473	(53,134)	441,374	540	0	617	1,157
(Over) Under recovery	(\$502,398)	(\$1,102,631)	\$238,115	(\$1,366,914)	\$251	\$0	(\$906)	(655)
<u>July 2023</u>								
Cost of Gas - Actual	\$3.77906	(\$0.00137)	\$3.77906		\$2.76431	\$3.12856	\$2.76431	
Cost of Gas - Recovered	4.08200	4.08200	4.08200		2.66400	2.66400	2.66400	
(Over) Under recovery per dk	(\$0.30294)	(\$4.08337)	(\$0.30294)		\$0.10031	\$0.46456	\$0.10031	
dk billed	0	219,927	75,409	295,336	0	0	2,279	2,279
(Over) Under recovery	\$0	(\$898,045)	(\$22,844)	(\$920,889)	\$0	\$0	\$228	\$228

- 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 2022</u>				
Cost of Gas - Actual	\$11.97975	\$9.93506	\$11.97975	
Cost of Gas - Recovered	5.87800	7.19500	7.19500	
(Over) Under recovery per dk	<u>\$6.10175</u>	<u>\$2.74006</u>	<u>\$4.78475</u>	
dk billed	1,434	10,895	8,634	20,963
(Over) Under recovery	<u>\$8,752</u>	<u>\$29,852</u>	<u>\$41,312</u>	<u>\$79,916</u>
<u>September 2022</u>				
Cost of Gas - Actual	\$7.54839	\$11.97975	\$7.54839	
Cost of Gas - Recovered	7.19600	5.87800	5.87800	
(Over) Under recovery per dk	<u>\$0.35239</u>	<u>\$6.10175</u>	<u>\$1.67039</u>	
dk billed	3,065	13,618	9,706	26,389
(Over) Under recovery	<u>\$1,080</u>	<u>\$83,090</u>	<u>\$16,214</u>	<u>\$100,384</u>
<u>October 2022</u>				
Cost of Gas - Actual	\$5.18759	\$7.54839	\$5.18759	
Cost of Gas - Recovered	8.44800	7.19600	7.19600	
(Over) Under recovery per dk	<u>(\$3.26041)</u>	<u>\$0.35239</u>	<u>(\$2.00841)</u>	
dk billed	13,469	13,306	11,932	38,707
(Over) Under recovery	<u>(\$43,915)</u>	<u>\$4,689</u>	<u>(\$23,965)</u>	<u>(\$63,191)</u>
<u>November 2022</u>				
Cost of Gas - Actual	\$5.60548	\$5.18759	\$5.60548	
Cost of Gas - Recovered	5.83500	8.44800	8.44800	
(Over) Under recovery per dk	<u>(\$0.22952)</u>	<u>(\$3.26041)</u>	<u>(\$2.84252)</u>	
dk billed	14,252	26,278	45,502	86,032
(Over) Under recovery	<u>(\$3,271)</u>	<u>(\$85,675)</u>	<u>(\$129,341)</u>	<u>(\$218,287)</u>
<u>December 2022</u>				
Cost of Gas - Actual	\$5.97443	\$5.60548	\$5.97443	
Cost of Gas - Recovered	5.47500	5.83500	5.83500	
(Over) Under recovery per dk	<u>\$0.49943</u>	<u>(\$0.22952)</u>	<u>\$0.13943</u>	
dk billed	8,054	38,681	39,873	86,608
(Over) Under recovery	<u>\$4,022</u>	<u>(\$8,878)</u>	<u>\$5,560</u>	<u>\$704</u>
<u>January 2023</u>				
Cost of Gas - Actual	\$5.54351	\$5.97443	\$5.54351	
Cost of Gas - Recovered	5.47500	5.47500	5.47500	
(Over) Under recovery per dk	<u>\$0.06851</u>	<u>\$0.49943</u>	<u>\$0.06851</u>	
dk billed	0	48,292	39,891	88,183
(Over) Under recovery	<u>\$0</u>	<u>\$24,118</u>	<u>\$2,733</u>	<u>\$26,851</u>

- 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 2023</u>				
Cost of Gas - Actual	\$4.56322	\$5.54351	\$4.56322	
Cost of Gas - Recovered	4.87900	5.47500	5.47500	
(Over) Under recovery per dk	(\$0.31578)	\$0.06851	(\$0.91178)	
dk billed	4,851	43,807	29,238	77,896
(Over) Under recovery	(\$1,532)	\$3,001	(\$26,658)	(\$25,189)
<u>March 2023</u>				
Cost of Gas - Actual	\$2.98525	\$4.56322	\$2.98525	
Cost of Gas - Recovered	3.88200	4.87900	4.87900	
(Over) Under recovery per dk	(\$0.89675)	(\$0.31578)	(\$1.89375)	
dk billed	6,836	39,147	31,031	77,014
(Over) Under recovery	(\$6,130)	(\$12,362)	(\$58,765)	(\$77,257)
<u>April 2023</u>				
Cost of Gas - Actual	\$2.38856	\$2.98525	\$2.38856	
Cost of Gas - Recovered	3.20100	3.88200	3.88200	
(Over) Under recovery per dk	(\$0.81244)	(\$0.89675)	(\$1.49344)	
dk billed	4,316	41,698	23,722	69,736
(Over) Under recovery	(\$3,507)	(\$37,392)	(\$35,428)	(\$76,327)
<u>May 2023</u>				
Cost of Gas - Actual	\$1.38212	\$2.38856	\$1.38212	
Cost of Gas - Recovered	3.20100	3.20100	3.20100	
(Over) Under recovery per dk	(\$1.81888)	(\$0.81244)	(\$1.81888)	
dk billed	0	24,944	20,201	45,145
(Over) Under recovery	\$0	(\$20,265)	(\$36,744)	(\$57,009)
<u>June 2023</u>				
Cost of Gas - Actual	\$1.15862	\$1.38212	\$1.15862	
Cost of Gas - Recovered	2.82100	3.20100	3.20100	
(Over) Under recovery per dk	(\$1.66238)	(\$1.81888)	(\$2.04238)	
dk billed	1,462	11,927	9,701	23,090
(Over) Under recovery	(\$2,429)	(\$21,694)	(\$19,813)	(\$43,936)
<u>July 2023</u>				
Cost of Gas - Actual	\$2.92095	\$1.15862	\$2.92095	
Cost of Gas - Recovered	2.82100	2.82100	2.82100	
(Over) Under recovery per dk	\$0.09995	(\$1.66238)	\$0.09995	
dk billed	0	11,030	9,917	20,947
(Over) Under recovery	\$0	(\$18,336)	\$991	(\$17,345)

- 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 2022</u>				
Cost of Gas - Actual	\$29.85047	\$8.91996	\$29.85047	
Cost of Gas - Recovered	5.85100	7.16300	7.16300	
(Over) Under recovery per dk	\$23.99947	\$1.75696	\$22.68747	
dk billed	0	10,016	(3,921)	6,095
(Over) Under recovery	\$0	\$17,598	(\$88,962)	(\$71,364)
<u>September 2022</u>				
Cost of Gas - Actual	\$7.51386	\$29.85047	\$7.51386	
Cost of Gas - Recovered	7.16400	5.85100	5.85100	
(Over) Under recovery per dk	\$0.34986	\$23.99947	\$1.66286	
dk billed	0	7,408	(1,603)	5,805
(Over) Under recovery	\$0	\$177,776	(\$2,665)	\$175,111
<u>October 2022</u>				
Cost of Gas - Actual	\$5.08858	\$7.51386	\$5.08858	
Cost of Gas - Recovered	8.41000	7.16400	7.16400	
(Over) Under recovery per dk	(\$3.32142)	\$0.34986	(\$2.07542)	
dk billed	0	9,443	(735)	8,708
(Over) Under recovery	\$0	\$3,304	\$1,526	\$4,830
<u>November 2022</u>				
Cost of Gas - Actual	\$5.58161	\$5.08858	\$5.58161	
Cost of Gas - Recovered	5.80800	8.41000	8.41000	
(Over) Under recovery per dk	(\$0.22639)	(\$3.32142)	(\$2.82839)	
dk billed	0	28,784	(821)	27,963
(Over) Under recovery	\$0	(\$95,605)	\$2,323	(\$93,282)
<u>December 2022</u>				
Cost of Gas - Actual	\$5.94520	\$5.58161	\$5.94520	
Cost of Gas - Recovered	5.45000	5.80800	5.80800	
(Over) Under recovery per dk	\$0.49520	(\$0.22639)	\$0.13720	
dk billed	0	62,926	(3,467)	59,459
(Over) Under recovery	\$0	(\$14,246)	(\$476)	(\$14,722)
<u>January 2023</u>				
Cost of Gas - Actual	\$5.51796	\$5.94520	\$5.51796	
Cost of Gas - Recovered	5.45000	5.45000	5.45000	
(Over) Under recovery per dk	\$0.06796	\$0.49520	\$0.06796	
dk billed	0	83,733	(2,422)	81,311
(Over) Under recovery	\$0	\$41,464	(\$164)	\$41,300

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 2023</u>				
Cost of Gas - Actual	\$4.54079	\$5.51796	\$4.54079	
Cost of Gas - Recovered	4.85700	5.45000	5.45000	
(Over) Under recovery per dk	(\$0.31621)	\$0.06796	(\$0.90921)	
dk billed	0	73,770	(1,862)	71,908
(Over) Under recovery	\$0	\$5,014	\$1,693	\$6,707
<u>March 2023</u>				
Cost of Gas - Actual	\$2.97167	\$4.54079	\$2.97167	
Cost of Gas - Recovered	3.86400	4.85700	4.85700	
(Over) Under recovery per dk	(\$0.89233)	(\$0.31621)	(\$1.88533)	
dk billed	0	66,074	(2,045)	64,029
(Over) Under recovery	\$0	(\$20,893)	\$3,855	(\$17,038)
<u>April 2023</u>				
Cost of Gas - Actual	\$2.37869	\$2.97167	\$2.37869	
Cost of Gas - Recovered	3.18700	3.86400	3.86400	
(Over) Under recovery per dk	(\$0.80831)	(\$0.89233)	(\$1.48531)	
dk billed	0	70,537	(1,590)	68,947
(Over) Under recovery	\$0	(\$62,942)	\$2,362	(\$60,580)
<u>May 2023</u>				
Cost of Gas - Actual	(\$0.09868)	\$2.37869	(\$0.09868)	
Cost of Gas - Recovered	3.18700	3.18700	3.18700	
(Over) Under recovery per dk	(\$3.28568)	(\$0.80831)	(\$3.28568)	
dk billed	0	47,457	(3,468)	43,989
(Over) Under recovery	\$0	(\$38,360)	\$11,394	(\$26,966)
<u>June 2023</u>				
Cost of Gas - Actual	(\$2.89684)	(\$0.09868)	(\$2.89684)	
Cost of Gas - Recovered	2.80800	3.18700	3.18700	
(Over) Under recovery per dk	(\$5.70484)	(\$3.28568)	(\$6.08384)	
dk billed	0	16,018	(3,889)	12,129
(Over) Under recovery	\$0	(\$52,629)	\$23,660	(\$28,969)
<u>July 2023</u>				
Cost of Gas - Actual	\$2.90737	(\$2.89684)	\$2.90737	
Cost of Gas - Recovered	2.80800	2.80800	2.80800	
(Over) Under recovery per dk	\$0.09937	(\$5.70484)	\$0.09937	
dk billed	0	9,342	(4,230)	5,112
(Over) Under recovery	\$0	(\$53,294)	(\$420)	(\$53,714)

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 2022</u>				
Cost of Gas - Actual	\$15.62926	\$14.89299	\$15.62926	
Cost of Gas - Recovered	5.72200	7.04000	7.04000	
(Over) Under recovery per dk	<u>\$9.90726</u>	<u>\$7.85299</u>	<u>\$8.58926</u>	
dk billed	1,039	9,500	7,036	17,575
(Over) Under recovery	<u>\$10,297</u>	<u>\$74,600</u>	<u>\$60,436</u>	<u>\$145,333</u>
<u>September 2022</u>				
Cost of Gas - Actual	\$5.29315	\$15.62926	\$5.29315	
Cost of Gas - Recovered	7.04600	5.72200	5.72200	
(Over) Under recovery per dk	<u>(\$1.75285)</u>	<u>\$9.90726</u>	<u>(\$0.42885)</u>	
dk billed	9	16,937	(3,229)	13,717
(Over) Under recovery	<u>(\$16)</u>	<u>\$167,797</u>	<u>\$1,384</u>	<u>\$169,165</u>
<u>October 2022</u>				
Cost of Gas - Actual	\$3.45949	\$5.29315	\$3.45949	
Cost of Gas - Recovered	8.30300	7.04600	7.04600	
(Over) Under recovery per dk	<u>(\$4.84351)</u>	<u>(\$1.75285)</u>	<u>(\$3.58651)</u>	
dk billed	6	16,589	(5,687)	10,908
(Over) Under recovery	<u>(\$27)</u>	<u>(\$29,077)</u>	<u>\$20,394</u>	<u>(\$8,710)</u>
<u>November 2022</u>				
Cost of Gas - Actual	\$5.73096	\$3.45949	\$5.73096	
Cost of Gas - Recovered	5.68000	8.30300	8.30300	
(Over) Under recovery per dk	<u>\$0.05096</u>	<u>(\$4.84351)</u>	<u>(\$2.57204)</u>	
dk billed	7	17,354	(6,414)	10,947
(Over) Under recovery	<u>\$1</u>	<u>(\$84,052)</u>	<u>\$16,496</u>	<u>(\$67,555)</u>
<u>December 2022</u>				
Cost of Gas - Actual	\$5.75113	\$5.73096	\$5.75113	
Cost of Gas - Recovered	5.32500	5.68000	5.68000	
(Over) Under recovery per dk	<u>\$0.42613</u>	<u>\$0.05096</u>	<u>\$0.07113</u>	
dk billed	626	16,055	3,956	20,637
(Over) Under recovery	<u>\$267</u>	<u>\$818</u>	<u>\$281</u>	<u>\$1,366</u>
<u>January 2023</u>				
Cost of Gas - Actual	\$5.53396	\$5.75113	\$5.53396	
Cost of Gas - Recovered	5.32500	5.32500	5.32500	
(Over) Under recovery per dk	<u>\$0.20896</u>	<u>\$0.42613</u>	<u>\$0.20896</u>	
dk billed	0	18,624	7,423	26,047
(Over) Under recovery	<u>\$0</u>	<u>\$7,937</u>	<u>\$1,551</u>	<u>\$9,488</u>

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 2023</u>				
Cost of Gas - Actual	\$4.62940	\$5.53396	\$4.62940	
Cost of Gas - Recovered	4.71900	5.32500	5.32500	
(Over) Under recovery per dk	(\$0.08960)	\$0.20896	(\$0.69560)	
dk billed	15	15,567	4,776	20,358
(Over) Under recovery	(\$1)	\$3,253	(\$3,322)	(\$70)
<u>March 2023</u>				
Cost of Gas - Actual	\$2.98937	\$4.62940	\$2.98937	
Cost of Gas - Recovered	3.65600	4.71900	4.71900	
(Over) Under recovery per dk	(\$0.66663)	(\$0.08960)	(\$1.72963)	
dk billed	1,580	16,115	6,474	24,169
(Over) Under recovery	(\$1,053)	(\$1,444)	(\$11,199)	(\$13,696)
<u>April 2023</u>				
Cost of Gas - Actual	\$2.22904	\$2.98937	\$2.22904	
Cost of Gas - Recovered	3.04700	3.65600	3.65600	
(Over) Under recovery per dk	(\$0.81796)	(\$0.66663)	(\$1.42696)	
dk billed	16	13,939	6,094	20,049
(Over) Under recovery	(\$13)	(\$9,292)	(\$8,696)	(\$18,001)
<u>May 2023</u>				
Cost of Gas - Actual	\$1.46200	\$2.22904	\$1.46200	
Cost of Gas - Recovered	3.04700	3.04700	3.04700	
(Over) Under recovery per dk	(\$1.58500)	(\$0.81796)	(\$1.58500)	
dk billed	0	9,952	7,748	17,700
(Over) Under recovery	\$0	(\$8,140)	(\$12,281)	(\$20,421)
<u>June 2023</u>				
Cost of Gas - Actual	(\$0.06286)	\$1.46200	(\$0.06286)	
Cost of Gas - Recovered	2.66400	3.04700	3.04700	
(Over) Under recovery per dk	(\$2.72686)	(\$1.58500)	(\$3.10986)	
dk billed	767	4,626	6,787	12,180
(Over) Under recovery	(\$2,090)	(\$7,333)	(\$21,108)	(\$30,531)
<u>July 2023</u>				
Cost of Gas - Actual	\$1.21859	(\$0.06286)	\$1.21859	
Cost of Gas - Recovered	2.66400	2.66400	2.66400	
(Over) Under recovery per dk	(\$1.44541)	(\$2.72686)	(\$1.44541)	
dk billed	0	5,241	8,172	13,413
(Over) Under recovery	\$0	(\$14,291)	(\$11,813)	(\$26,104)

1/ Consumed in prior month.

2/ True-up of prior month volumes.

MONTANA-DAKOTA UTILITIES CO.
COST OF GAS - PROPANE
NORTH DAKOTA
EFFECTIVE OCTOBER 2023

Cost of Purchased Propane	\$22,322
Gallons Purchased	20,765
Projected dk Sales	1,900
Propane Cost per Dk	\$11.748
Average Cost of Propane as Adjusted for Losses @ 99.55%	11.801
Less: Propane Cost Level in Rates 1/	<u>8.234</u>
Current Propane Cost Adjustment	<u><u>\$3.567</u></u>

1/ Propane Cost Level in Current Rates - Case No. PU-23-007, effective May 1, 2023.

MONTANA-DAKOTA UTILITIES CO.
COST OF GAS - PROPANE TARIFF SHEET
NORTH DAKOTA PROPANE
EFFECTIVE OCTOBER 2023

Cost of Gas - Propane

Current Propane Cost (Exhibit 7, Page 1)	\$11.801
Prior Filed Propane Cost	<u>8.234</u>
Current Propane Cost Adjustment	<u><u>\$3.567</u></u>

Surcharge Adjustment

Current Adjustment	(\$2.049)
Prior Filed Adjustment	<u>(2.049)</u>
Change in Surcharge Adjustment	\$0.000

Grain Drying Margin Sharing

Current Adjustment	(\$0.014)
Prior Adjustment	<u>(0.015)</u>
Change in Grain Drying Margin Sharing	\$0.001

Total Cost of Gas Items	<u><u>\$9.738</u></u>
Net Increase (Decrease) in Gas Costs	<u><u>\$3.568</u></u>

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

	(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
Balance @ February 28, 2023									<u><u>(\$80,277)</u></u>
March 2023	(\$13,142)	\$0	(\$238)	(\$13,380)	7,777	0.912	\$7,092	(\$20,472)	(100,749)
April	(10,818)	0	(312)	(\$11,130)	4,655	0.912	4,246	(15,376)	(116,125)
May	(4,102)	0	(496)	(\$4,598)	2,671	(2.049)	(3,011) 2/	(1,587)	(117,712)
June	(1,145)	0	(502)	(\$1,647)	864	(2.049)	(1,770)	123	(117,589)
July	(1,242)	0	(508)	(\$1,750)	722	(2.049)	(1,480)	(270)	(117,859)
Balance @ July 31, 2023									<u><u>(\$117,859)</u></u>

1/ Interest calculated at Three Month Treasury Bill rate.

2/ Reflects 831 Dk @ \$0.912 and 1,840 Dk @ (\$2.049).

**MONTANA-DAKOTA UTILITIES CO.
NORTH DAKOTA GAS / PROPANE
GRAIN DRYING MARGIN SHARING PROVISION
EFFECTIVE OCTOBER 1, 2023 THROUGH SEPTEMBER 30, 2024**

Rate 71 Grain Drying Credit - Balance @ July 31, 2022			(\$257,985)
Additional Credits 1/			(263,215)
Less: Reduction to Credit Balance			<u>(267,833)</u>
Balance @ July 31, 2023			<u><u>(\$253,367)</u></u>
Less: Projected recovery from current amortization			
	<u>Dk</u>	<u>Rate</u>	<u>Amount</u>
August	251,000	(\$0.015)	(\$3,765)
September	<u>378,000</u>	(0.015)	<u>(5,670)</u>
	629,000		(\$9,435)
Balance @ September 30, 2023			<u><u>(\$243,932)</u></u>
Projected Residential & General Service Sales Volumes			16,975,000
Grain Drying Margin Sharing Credit			<u><u>(\$0.014)</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, 2023 THROUGH SEPTEMBER 30, 2024**

<u>Additional Credits</u>	<u>Grain Drying Sales</u>	<u>Distribution Charge</u>	<u>Distribution Delivery Revenue</u>	<u>Basic Service Charge</u>
August 2022	332.6	\$0.566	\$188	\$18,450
September	5,510.9	0.566	3,119	18,225
October	15,999.5	0.566	9,056	19,155
November	47,523.9	0.566	26,899	17,925
December	15,587.2	0.566	8,822	18,450
January 2023	6,051.2	0.566	3,425	20,700
February	6,016.0	0.566	3,405	20,700
March	3,430.4	0.566	1,942	20,700
April	677.0	0.566	383	20,475
May	276.1	0.566	156	20,430
June	301.6	0.566	171	19,800
July	147.3	0.566	83	19,800
Total	<u>101,853.7</u>		<u>\$57,649</u>	<u>\$234,810</u>

<u>Additional Credits</u>	<u>Total Margin</u>	<u>Grain Drying Margin Sharing Credit @ 90%</u>
August 2022	\$18,638	(\$16,774)
September	21,344	(19,210)
October	28,211	(25,390)
November	44,824	(40,342)
December	27,272	(24,545)
January 2023	24,125	(21,713)
February	24,105	(21,695)
March	22,642	(20,378)
April	20,858	(18,772)
May	20,586	(18,527)
June	19,971	(17,974)
July	19,883	(17,895)
Total	<u>\$292,459</u>	<u>(\$263,215)</u>