



UTILITIES CO.

A Subsidiary of MDU Resources Group, Inc.

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

March 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) change pursuant to the terms of Rates 88 and 99.

The Rate Summary Sheet (19<sup>th</sup> Revised Sheet No. 3) showing the proposed natural gas rates reflecting the COG effective April 1, 2023 along with currently effective distribution rates, including the delay of the WBI pipeline rate increase, is provided in Exhibit 1. The net effect of this filing, calculated pursuant to the terms of Rate 88, is a decrease of \$1.184 per dk for residential customers and firm general customers, a decrease of \$0.681 per dk for small and large interruptible customers, and a decrease of \$0.677 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 decreased \$0.500 per dk since the March 1, 2023 rates due to a decrease in the overall commodity price of gas. In addition, the pipeline rate increase implemented in the March 2023 COG Adjustment was delayed. This change, coupled with other minor cost changes, result in a decrease of \$0.684 per dk in North Dakota.

Montana-Dakota also purchases propane supplies from various wholesale suppliers for the propane service provided in Hettinger, North Dakota. The cost of propane has decreased \$1.881 per dk since the cost established in the February 2023 PGA filing.

The following Exhibits are provided in support of the COG rates to be effective April 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 April 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 April 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 \$4.480 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 and is pending. Exhibit 3a - Public Copy is included in this filing.
- Exhibit 4 provides a summary of the change in pipeline rates occurring since the last COG filing 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 computation of the (over)/under recovered gas cost account balances.
- Exhibit 7 summarizes the cost of gas – propane calculated pursuant to the terms of Rate 99, which apply during the month of April 2023. The net effect of this filing is a decrease of \$1.881 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 February 2023 PGA filing. The average cost of propane for all customers, adjusted for losses, is \$12.076 per dk.

The COG changes, calculated in accordance with Rate 88 and Rate 99, will amount to a decrease of approximately \$1,553,700 for natural gas customers and a decrease of approximately \$8,100 for propane customers during the month of April 2023. All Montana-Dakota's retail gas customers in North Dakota may be affected by this proposal. There were 112,871 natural gas customers and 335 propane customers in North Dakota as of February 28, 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 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

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

Canceling 18<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	\$4.857	\$4.857
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	\$4.857 \$4.030 \$4.093	\$5.306 \$4.285 \$4.348
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	\$4.857 \$4.857	\$6.031 \$5.774
Small Interruptible Gas Rate 71	14	\$450.00 per month	(Maximum) \$0.566	\$4.030	(Maximum) \$4.596
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	\$4.973 \$4.973	\$6.147 \$5.890
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)	\$10.720 \$4.468
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	\$4.030	(Maximum) \$4.267
Residential Propane Rate 90	32	\$0.8244 per day	\$0.000	\$12.973	\$12.973
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	\$12.973 \$12.973	\$14.147 \$13.890

**Date Filed:** March 8, 2023

**Effective Date:** Service rendered on and after April 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 APRIL 2023

	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)	\$4.480	\$4.596	\$3.047	\$3.201	\$3.187
Prior Filed Gas Cost (Effective 3/1/2023)	<u>5.664</u>	<u>5.826</u>	<u>3.656</u>	<u>3.882</u>	<u>3.864</u>
Current Gas Cost Adjustment	(\$1.184)	(\$1.230)	(\$0.609)	(\$0.681)	(\$0.677)
<b><u>Surcharge Adjustment:</u></b>					
Current Adjustment	\$0.392	\$0.392	\$1.436	\$0.829	\$0.906
Prior Filed Adjustment	<u>0.392</u>	<u>0.392</u>	<u>1.436</u>	<u>0.829</u>	<u>0.906</u>
Change in Surcharge Adjustment	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Gas Cost Level	\$4.480	\$4.596	\$3.047	\$3.201	\$3.187
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>\$4.872</u></b>	<b><u>\$4.988</u></b>	<b><u>\$4.483</u></b>	<b><u>\$4.030</u></b>	<b><u>\$4.093</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>(0.015)</u>	<u>(0.015)</u>	<u>(0.015)</u>	<u>0.000</u>	<u>0.000</u>
Change in Grain Drying Sharing Margin	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
<b>Total Cost of Gas Billed</b>	<b><u>\$4.857</u></b>	<b><u>\$4.973</u></b>	<b><u>\$4.468</u></b>	<b><u>\$4.030</u></b>	<b><u>\$4.093</u></b>
<b>Net Increase (Decrease) in Gas Costs</b>	<b><u>(\$1.184)</u></b>	<b><u>(\$1.230)</u></b>	<b><u>(\$0.609)</u></b>	<b><u>(\$0.681)</u></b>	<b><u>(\$0.677)</u></b>

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

	<u>Amount</u>
<b>Total Gas Costs 1/</b>	\$73,574,768
<b>Dk Requirements - Firm 2/</b>	16,495,379
Average Cost of Gas per dk	\$4.460
Average Cost of Gas as Adjusted for Losses @ 99.55%	4.480
Less: Gas Cost Level in Rates 3/	5.664
<b>Current Gas Cost Adjustment</b>	<b>(\$1.184)</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 December 31, 2022, adjusted for losses at .45%.
- 3/ Gas Cost Level in Current Tariff Rates Case No. PU-23-007 effective March 1, 2023:

Cost of Purchased Gas	\$5.639
Adjustment for Distribution Losses	99.55%
Gas Cost Level in Base Tariff Rates	\$5.664

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

	<u>Amount</u>
<b>Total Gas Costs 1/</b>	\$73,574,768
Less: Annual MDDQ Costs (Excludes Storage Capacity Reservation)	<u>23,540,831</u>
Total Gas Costs excluding MDDQ	\$50,033,937
Firm Service Requirements 1/	16,495,379
Other Gas Costs per Dk (excluding MDDQ)	\$3.033
<u>Winter - October - May</u>	
Annual MDDQ Costs	23,540,831
Winter Firm Service Requirements	15,267,240
MDDQ Costs per Winter Dk	\$1.542
Add: Other Gas Costs per Dk	<u>3.033</u>
Winter Seasonal Rate	\$4.575
Winter Seasonal Rate, adjusted for losses 2/	\$4.596
Less: Gas Cost Level in Rates 3/	<u>5.826</u>
<b>Current Gas Cost Adjustment</b>	<b><u><u>(\$1.230)</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-23-007 effective March 1, 2023:

	<u>Winter</u>
Cost of Purchased Gas	\$5.800
Adjustment for Distribution Losses	99.55%
Gas Cost Level in Base Tariff Rates	\$5.826

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

<u>Cost of Gas</u>	<u>Amount</u>
Total Gas Costs, Excluding Capacity 1/	\$50,033,937
Residential and General Service dk Requirements 2/	16,495,379
Average Cost of Gas per dk	\$3.033
Average Cost of Gas as Adjusted for Losses @ 99.55%	3.047
Less: Gas Cost Level in Rates 3/	<u>3.656</u>
<b>Current Gas Cost Adjustment</b>	<b><u><u>(\$0.609)</u></u></b>
<u>Capacity Charge</u>	
Current Monthly Capacity Charge 4/	\$10.72
Prior Filed Capacity Charge 3/	<u>15.01</u>
<b>Current Capacity Charge Adjustment</b>	<b><u><u>(\$4.29)</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 December 31, 2022, adjusted for losses at .45%.
- 3/ Gas Cost Level in Current Tariff Rates Case No. PU-23-007 effective March 1, 2023:

Cost of Purchased Gas	\$3.640
Adjustment for Distribution Losses	0.9955
Gas Cost Level in Base Tariff Rates	\$3.656
Monthly Capacity Charge	\$15.01

- 4/ Annual MDDQ Costs divided by contracted capacity.

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

	<u>Amount</u>
<b>Total Gas Costs 1/</b>	\$19,990,796
<b>Dk Requirements - Interruptible</b>	6,271,847
Average Cost of Gas per dk	\$3.187
Average Cost of Gas as Adjusted for Losses @ 99.55%	3.201
Less: Gas Cost Level in Rates 2/	<u>3.882</u>
<b>Current Gas Cost Adjustment</b>	<b><u><u>(\$0.681)</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-23-007 effective March 1, 2023:

Cost of Purchased Gas	\$3.865
Adjustment for Distribution Losses	99.55%
Gas Cost Level in Base Tariff Rates	\$3.882

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

	<u>Amount</u>
<b>Total Gas Costs</b> 1/	\$1,263,892
<b>Dk Requirements - Air Force Interruptible</b>	396,550
Average Cost of Gas per dk	\$3.187
Less: Gas Cost Level in Rates 2/	3.864
<b>Current Gas Cost Adjustment</b>	<b>(\$0.677)</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-23-007 effective March 1, 2023:

Cost of Purchased Gas	\$3.864
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**MONTANA-DAKOTA UTILITIES CO.  
SUMMARY OF FIRM DK DELIVERIES, CAPACITY AND  
CALCULATION OF INTERRUPTIBLE DEMAND  
EFFECTIVE APRIL 2023**

	Normalized Firm Dk Deliveries 1/	Percent Firm
Montana	10,048,636	27.725025%
North Dakota	16,495,379	45.512128%
South Dakota	7,017,885	19.362930%
Wyoming	2,682,020	7.399917%
Total	<u>36,243,920</u>	<u>100.000000%</u>

	Total Capacity 2/	%
Montana	127,657	29.824451%
North Dakota	183,020	42.758885%
South Dakota	83,579	19.526526%
Wyoming	33,772	7.890138%
Total	<u>428,028</u>	<u>100.000000%</u>

**INTERRUPTIBLE**

	Dk volumes	3/	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 December 31, 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%

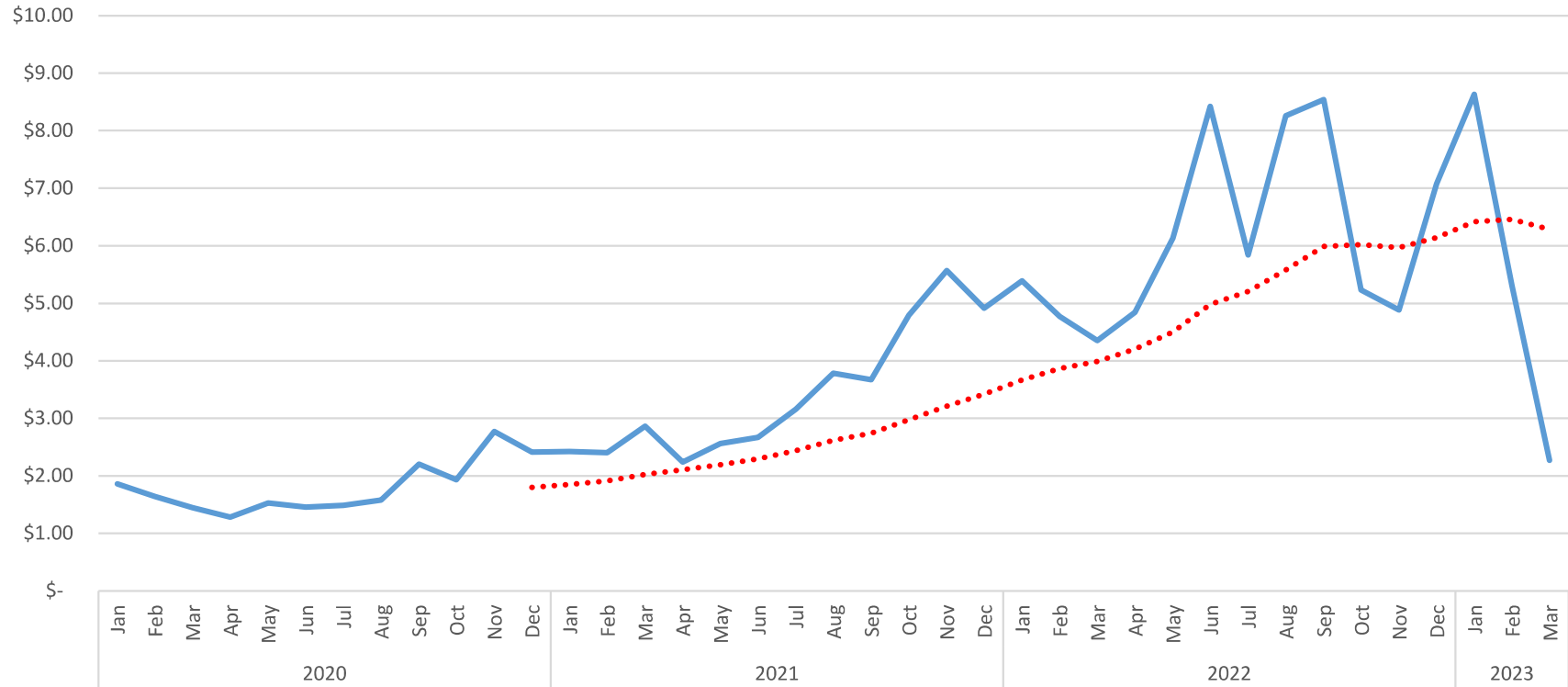
**Montana-Dakota Utilities Co.  
Market Conditions for Regional Natural Gas  
April 2023**

The established monthly price for Rocky Mountain CIG Index for this month is expected to increase by \$0.32/MMBTU to \$2.59/MMBTU in April 2023 from \$2.27/MMBTU in March 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 February 24, 2023 at 19.3 percent above the five-year average and 27.1 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	\$	5.40

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

	<u>Requirements</u>	<u>Per Unit Cost</u>	<u>Amount</u>
<b><u>RESIDENTIAL AND GENERAL SERVICE</u></b>			
<i>Demand Costs - MDDQ</i>	183,020		
<i>Transportation &amp; Storage Costs - Dk</i>	16,495,379		
<i>Commodity Costs - Dk</i>	16,495,379		
<b><i>Return on Rate Base</i></b>			
Demand Charges			\$102,668
Prepaid Commodity Balances			39,263
Cycle Storage Balances			316,188
<b><i>Total Return</i></b>			<u>\$458,119</u>
<b><i>Total Gas Costs - North Dakota only</i></b>			<u><u>\$73,574,768</u></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			\$9,639
Prepaid Commodity Balances			3,686
Cycle Storage Balances			29,686
<b><i>Total Return</i></b>			<u>\$43,011</u>
<b><i>Total Gas Costs - North Dakota only</i></b>			<u><u>\$19,990,796</u></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			\$609
Prepaid Commodity Balances			233
Cycle Storage Balances			1,876
<b><i>Total Return</i></b>			<u>\$2,718</u>
<b><i>Total Gas Costs - North Dakota only</i></b>			<u><u>\$1,263,892</u></u>

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

	<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
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	12.02117
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	11.34240
Viking Gas Transmission		dk/Month	3.80600
Viking Gas Transmission (Release) 2/		dk/Month	17.06000
<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>\$64,135,344</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	0.08005
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	0.00864
<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	0.00282
<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>36,243,920</b>	<b>dk</b>	<b>\$100,398,024</b>

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

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

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

**Pipeline Rate Changes Since The Last Filing Submitted**

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.

**Pipeline Rate Calculations**

Calculation of Northern Border Et Al Rate - Exhibit 4, page 2

Calculation of Northwestern Energy Demand and Commodity Charges - Exhibit 4, page 3

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

Calculation of Black Hills Gas Transportation Charges - Exhibit 4, page 5

**Schedule Of Applicable Effective Pipeline Rates**

WBI Energy Transmission, Inc. - Exhibit 4, pages 6 - 11 for Schedules FT-1, FT-1 (Valley Expansion), FTN-1, and FS-1.

Northern Border Pipeline Company - Exhibit 4, page 12 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 13-14 for Schedule FT-D.

NorthWestern Energy - Exhibit 4, page 15 for Schedule T-FTG-1.

South Dakota Intrastate Pipeline - Exhibit 4, page 16 for Rate 1.

Black Hills Gas Distribution, LLC - Exhibit 4, Page 17 for Schedule TC.

Viking Gas Transmission Company - Exhibit 4, Page 18 - 19 for Category 3 FT-A.

**MONTANA-DAKOTA UTILITIES CO.  
CALCULATION OF NORTHERN BORDER ET AL RATE  
EFFECTIVE APRIL 2023**

<b>Northern Border 1/</b>	
Monchy to Mina Mileage	506.0943
Maximum Rate (Daily)	<u>\$0.0245</u>
Maximum Rate Per 100 Miles	\$0.1240
<b>Foothills (FT) Zone 9</b>	
Rate (Canadian GJ/d) 2/	\$0.1330
GJ/d conversion to MMBtu	1.0551
Currency Exchange Rate 3/	<u>0.7348</u>
	0.1031
<b>NOVA - FT-D</b>	
Demand Rate (Canadian GJ/d) 4/	\$0.1880
GJ/d conversion to MMBtu	1.0551
Currency Exchange Rate 3/	<u>0.7348</u>
	0.1458
<b>Northern Border Et Al Rate (dk/Day)</b>	<u><u>\$0.3729</u></u>
<b>Northern Border Et Al Rate (dk/Month)</b>	<u><u>\$11.3424</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 12.
- 2/ Rate Schedule FT, Firm Service Zone 9, rates effective January 1, 2023.
- 3/ Exchange rate per Feb. 28 2023 Gas Daily.
- 4/ FT-D Demand Rate per Month, Empress/McNeill Border, rates effective January 1, 2023 (expressed as a daily rate). Includes a 5% discount rate based on contract expiring 12/31/2024. See Exhibit 4, page 13-14.

**MONTANA-DAKOTA UTILITIES CO.  
NORTHWESTERN ENERGY DEMAND AND COMMODITY CHARGES  
EFFECTIVE APRIL 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
			<u>1,543,518</u>
Demand charge per dk			<u><u>\$12.02117</u></u>
<u>Commodity: 3/</u>			\$0.08005

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

2/ Firm Transportation Reservation Rate (T-FTG-1), see Exhibit 4, page 15.  
63rd Revised Sheet No. 80.1, effective February 1, 2023.

3/ Firm Transmission Commodity Rate (T-FTG-1)  
63rd Revised Sheet No. 80.1, effective February 1, 2023.

Transportation (max)	\$0.071996
GTAC	0.008050
Total T-FTG-1 Rate (max)	<u><u>\$0.080046</u></u>

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

<u>Demand:</u>	Monthly Rate 1/	Daily Capacity 2/	Total
MDDQ	\$170,620.58		
Estimated Interruptible Credit 3/	(46,300.00)		
	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 16.

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 APRIL 2023**

<u>Demand:</u>	Billing <u>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, Seventh Sheet No. 11, see Exhibit 4, page 17.

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.	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

- 
- 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	1.313%	(0.052)%	1.261%
L&U REIMBURSEMENT	0.155%	0.166%	0.321%

STORAGE - RATE SCHEDULES FS-1 AND IS-1

	<u>CURRENT PERCENTAGE</u>	<u>DEFERRAL PERCENTAGE</u>	<u>TOTAL PERCENTAGE</u>
FUEL USE REIMBURSEMENT	0.813%	0.112%	0.925%
L&U REIMBURSEMENT	(0.058)%	(0.222)%	(0.280)%

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	0.878	(0.014)	0.864

STORAGE - RATE SCHEDULES FS-1 AND IS-1

	<u>CURRENT RATE</u>	<u>DEFERRAL RATE</u>	<u>TOTAL RATE</u>
ELECTRIC POWER REIMBURSEMENT	0.373	(0.091)	0.282

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.

Interim 2023 Rates

Exhibit 4  
Page 13 of 19

**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) \$286.36 / 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 \$6.27 / GJ / month FT-D Demand Rate for Group 2 Delivery Points \$8.48 / GJ / month FT-D Demand Rate for Group 3 Delivery Points \$10.17 / 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>		
	2022993541 / 2022956310	\$131.04 / 10 <sup>3</sup> m <sup>3</sup> / month		
	2022017998	\$666 / month		
	2003004522	Applicable IT-R and IT-D Rate		
	2011476052 / 2011476054	\$0.2787 / GJ subject to \$717,000 Minimum Annual Charge		
	2017887638 / 2011476092	\$0.095 / GJ and		
	2016721799 / 2016759254	\$1,000 / month		
	2021735873 / 2019305573	\$7.63 / GJ / month and Applicable IT-D Rate on Over-Run		
12. Rate Schedule CO <sub>2</sub>	Tier	<u>1</u>	<u>2</u>	<u>3</u>
	CO <sub>2</sub> Rate ( / 10 <sup>3</sup> m <sup>3</sup> )	\$625.19	\$494.89	\$324.51
13. Monthly Abandonment Surcharge <sup>2</sup>	\$6.94 / 10 <sup>3</sup> m <sup>3</sup> / month		\$0.18 / GJ / month	
14. Daily Abandonment Surcharge <sup>3</sup>	\$0.23 / 10 <sup>3</sup> m <sup>3</sup> / day		\$0.0060 / 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 Schedules OS: 2022993541, 2022956310, 2022017998, 2021735873, 2019305573.
- 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.

2023 Interim Rates

Exhibit 4  
Page 14 of 19**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	6.69	0.2421
31111	ALLIANCE CLAIRMONT INTERCONNECT APN	6.02	0.2177
31110	ALLIANCE EDSON INTERCONNECT APN	6.02	0.2177
31112	ALLIANCE SHELL CREEK INTERCONNECT APGC	6.02	0.2177
1958	EMPRESS BORDER	6.02	0.2177
3886	GORDONDALE BORDER	6.02	0.2177
6404	MCNEILL BORDER	6.02	0.2177

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	8.48	0.3066	Yes
31001	ADM AGRI INDUSTRIES SALES APN	8.48	0.3066	Yes
3880	AECO INTERCONNECTION	8.48	0.3066	
31003	AGRIUM CARSELAND SALES APS	8.48	0.3066	
31002	AGRIUM FT. SASK SALES APN	8.48	0.3066	Yes
31004	AGRIUM REDWATER SALES APN	8.48	0.3066	
31005	AINSWORTH SALES APGP	8.48	0.3066	
31006	AIR LIQUIDE SALES APN	8.48	0.3066	
6126	AITKEN CREEK SOUTH SALES <sup>2</sup>	10.84	0.3843	
3820	AITKEN CREEK INTERCONNECT <sup>2</sup>	10.84	0.3843	
3214	AKUINU RIVER WEST SALES	8.48	0.3066	
31007	ALBERTA ENVIROFUELS SALES APN	8.48	0.3066	Yes <sup>3</sup>
31008	ALBERTA HOSPITAL SALES APN	8.48	0.3066	Yes
3868	ALBERTA-MONTANA BORDER	8.48	0.3066	
3297	ALDER FLATS SOUTH NO 2 SALES	8.48	0.3066	
3059	ALLISON CREEK SALES	8.48	0.3066	
6132	ALTARES SALES <sup>2</sup>	10.84	0.3843	
6133	ALTARES SOUTH SALES <sup>2</sup>	10.84	0.3843	
31009	ALTASTEEL SALES APN	8.48	0.3066	Yes <sup>3</sup>
3562	AMOCO SALES (BP SALES TAP)	8.48	0.3066	
6145	ANDERSON LAKE SALES	8.48	0.3066	
31012	APL JASPER SALES APN	8.48	0.3066	Yes
3488	ARDLEY SALES	8.48	0.3066	
3237	ASPEN SALES	8.48	0.3066	
3662	ATUSIS CREEK EAST SALES	8.48	0.3066	
3216	AURORA NO 2 SALES	8.48	0.3066	
3135	AURORA SALES	8.48	0.3066	
3288	BANTRY SALES	8.48	0.3066	
3423	BASHAW WEST SALES	8.48	0.3066	
6158	BASSET LAKE WEST SALES	8.48	0.3066	
31013	BAYMAG SALES APS	8.48	0.3066	
6112	BAY TREE SALES	8.48	0.3066	
31014	BEAR CREEK COGEN SALES APGP	8.48	0.3066	
3299	BEAR RIVER WEST SALES	8.48	0.3066	

NATURAL GAS TARIFF



Canceling 63<sup>rd</sup> Revised Sheet No. 80.1  
62<sup>nd</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>RATES:</u> Net Monthly Bill:	<u>Total Rate</u>	<u>Tax Portion of Rate</u>	<u>Rate Without Tax</u>
Monthly Service Charge per Meter:			
Meters Rated @ Cu. Ft. per hour			
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)

\$ 1.1984371                      \$ 0.4547209                      \$ 0.7437162

Transmission Commodity Rate (Therm):

Maximum

\$ 0.0071996                      \$ 0.0033971                      \$ 0.0038025

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  
Default Order No. 7842b  
Commission Approved: February 2, 2023

Effective for services rendered on or after  
February 1, 2023

*/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				\$0.0285

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 = 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	0.70%
Zone 1-2	\$0.0136	0.78%
Zone 2-2	\$0.0136	0.08%
Minimum Rate	\$0.0136	
IT and AOT		
Zone 1-1	\$0.1422	0.70%
Zone 1-2	\$0.1750	0.78%
Zone 2-2	\$0.0995	0.08%
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 APRIL 2023**

	General Service		
	Storage Balance 1/	Prepaid Commodity Balance 2/	Prepaid Demand 1/
October 2022	\$16,146,503	\$793,809	\$5,338,331
November	9,158,395	637,105	4,268,840
December	2,743,827	447,552	2,043,920
January 2023	(552,795)	298,173	(581,910)
February	(3,111,999)	172,310	(2,488,725)
March	(3,901,033)	135,587	(3,567,616)
April	(3,146,554)	170,702	(3,291,275)
May	(701,230)	284,511	(1,915,963)
June	2,042,922	412,227	(59,335)
July	4,415,949	522,671	1,783,507
August	6,559,697	632,933	3,626,349
September	8,331,760	724,077	5,252,039
October	11,176,653	873,072	5,555,077
13 month average	<u>\$3,781,700</u>	<u>\$469,595</u>	<u>\$1,227,941</u>
Rate of Return	6.851%	6.851%	6.851%
Return	\$259,084	\$32,172	\$84,126
Return Requirement	<u>\$316,188</u>	<u>\$39,263</u>	<u>\$102,668</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 ACCOUNT BALANCE  
APPLICABLE TO NORTH DAKOTA  
FIRM**

	<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 @ July 31, 2022</b>									<b><u><u>\$7,762,356</u></u></b>
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 2022	448,048	0	22,575	470,623	3,289,326	0.392	1,289,416	(818,793)	7,223,394
<b>Balance @ January 31, 2023</b>									<b><u><u>\$7,223,394</u></u></b>

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**

	<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 @ July 31, 2022</b>									<b><u><u>\$629,915</u></u></b>
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 2022	26,851	0	996	27,847	88,183	0.829	73,103	(45,256)	311,529
<b>Balance @ January 31, 2023</b>									<b><u><u>\$311,529</u></u></b>

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**

	<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 @ July 31, 2022</b>									<b><u>\$368,012</u></b>
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 2022	41,300	0	795	42,095	81,311	0.906	73,668	(31,573)	251,508
<b>Balance @ January 31, 2023</b>									<b><u>\$251,508</u></b>

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**

	<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 @ July 31, 2022</b>									<b><u><u>\$307,001</u></u></b>
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 2022	9,488	0	1,350	10,838	26,047	1.436	37,404	(26,566)	451,835
<b>Balance @ January 31, 2023</b>									<b><u><u>\$451,835</u></u></b>

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.  
COST OF GAS - PROPANE  
NORTH DAKOTA  
EFFECTIVE APRIL 2023

Cost of Purchased Propane	\$51,693
Gallons Purchased	46,994
Projected dk Sales	4,300
Propane Cost per Dk	\$12.022
Average Cost of Propane as Adjusted for Losses @ 99.55%	12.076
Less: Propane Cost Level in Rates 1/	<u>13.957</u>
Current Propane Cost Adjustment	<u><u>(\$1.881)</u></u>

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

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

**Cost of Gas - Propane**

Current Propane Cost (Exhibit 7, Page 1)	\$12.076
Prior Filed Propane Cost	<u>13.957</u>
Current Propane Cost Adjustment	<u><u>(\$1.881)</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>(0.015)</u>
Change in Grain Drying Margin Sharing	\$0.000

**Total Cost of Gas Items**

\$12.973

**Net Increase (Decrease) in Gas Costs**

(\$1.881)

**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
August	6,488	0	50	6,538	774	0.912	705	5,833	36,202
September	(1,103)	0	71	(1,032)	652	0.912	595	(1,627)	34,575
October	(3,418)	0	80	(3,338)	1,627	0.912	1,483	(4,821)	29,754
November	(11,372)	0	77	(11,295)	4,944	0.912	4,509	(15,804)	13,950
December	(32,324)	0	36	(32,288)	8,125	0.912	7,409	(39,697)	(25,747)
January 2022	(31,758)	0	(75)	(31,833)	8,881	0.912	8,100	(39,933)	(65,680)
<b>Balance @ January 31, 2023</b>									<b><u><u>(\$65,680)</u></u></b>

1/ Interest calculated at Three Month Treasury Bill rate.

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