

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

September 8, 2020

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-20-008

In accordance with North Dakota Century Code Section 49-05-05, Montana-Dakota Utilities Co. (Montana-Dakota) electronically submits a Cost of Gas (COG) change pursuant to the terms of Rates 88 and 99. In response to the COVID-19 pandemic, Montana-Dakota has provided an electronic copy only to further reduce the potential spread of the virus.

The Rate Summary Sheet (188th Revised Sheet No. 3) showing the proposed natural gas rates reflecting the COG effective October 1, 2020 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 an increase of \$0.390 per dk for residential customers and firm general customers, a decrease of \$0.020 per dk for small and large interruptible customers, and an increase of \$0.407 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 \$0.585 per dk since the cost established in the September 2020 PGA filing due to an increase in the overall commodity price of gas. In addition, this filing reflects the annual change in the surcharge adjustment, shown in Exhibit 6 to reflect a decrease of \$0.180, and the grain drying margin credit, shown in Exhibit 8 to reflect a decrease of \$0.015 to the overall cost of gas.

Montana-Dakota also purchases propane supplies from various wholesale suppliers for the propane service provided in Hettinger, North Dakota. The cost of propane has increased \$2.910 per dk since the cost established in the September 2020 PGA filing. In addition, this filing reflects the annual change in the grain drying margin credit, a decrease of \$0.015 per dk to the overall cost of propane.

The following Exhibits are provided in support of the COG rates to be effective October 1, 2020:

- 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 2020.
- 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 2020 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 \$3.738 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 February 19, 2020, Order in Case No. PU-20-008. Exhibit 3a – Public Copy is included in this filing.
- Exhibit 4 provides a summary of the change in pipeline rates occurring since the October PGA filing submitted September 6, 2019 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 7.236% applied to the balances was authorized by the Commission in Case No. PU-17-295.
- Exhibit 6 shows the calculation of the surcharge adjustment that will apply during the period October 1, 2020 through September 30, 2021. The surcharge is (\$0.340) per dk residential and general service customers, (\$0.320) per dk for small and large interruptible customers, (\$0.077) per dk for the Air Force, and (\$0.021) per dk for contracted demand. This represents a decrease of \$0.180 per dk for residential and general service customers, a decrease of \$0.605 per dk for small and large interruptible customers, a decrease of \$0.175 per dk for the Air Force, and a decrease of \$0.021 per dk for contracted demand from the adjustment effective October 1, 2019.

- Exhibit 7 summarizes the cost of gas – propane calculated pursuant to the terms of Rate 99, which apply during the month of October 2020. The net effect of this filing is an increase of \$2.895 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 September 2020 PGA filing. The average cost of propane for all customers, adjusted for losses, is \$7.467 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 \$0.031 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, 2020 through September 30, 2021.

The COG changes, calculated in accordance with Rate 88 and Rate 99, will amount to an increase of approximately \$466,300 for natural gas customers during the month of October 2020. All Montana-Dakota's retail gas customers in North Dakota may be affected by this proposal. There were 110,691 natural gas customers and 33 propane customers in North Dakota as of August 31, 2020.

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:

Mr. Karl A. Liepitz
Assistant General Counsel
MDU Resources Group, Inc.
P. O. Box 5650
Bismarck, ND 58506-5650

Montana-Dakota submitted a check on March 6, 2020 to the North Dakota Public Service Commission for \$600 pursuant to the requirements of North Dakota Century Code Section 49-05-05. This payment will cover the filing fee associated with the monthly COG filings.

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

Sincerely,

/s/ Travis R. Jacobson

Travis R. Jacobson
Director of Regulatory Affairs

cc: Attachment
K. Liepitz

**RATE SUMMARY SHEET
(PROPOSED)**



Montana-Dakota Utilities Co.

A Subsidiary of MDU Resources Group, Inc.

400 N 4th Street
Bismarck, ND 58501

State of North Dakota Gas Rate Schedule

NDPSC Volume 7

188th Revised Sheet No. 3

Canceling 187th Revised Sheet No. 3

RATE SUMMARY SHEET

Page 1 of 1

Rate Schedule	Sheet No.	Basic Service Charge	Distribution Delivery Charge	COG Items	Total Rate/ Dk
Residential Rate 60	4	\$0.6860 per day	\$0.000	\$3.367	\$3.367
Air Force Rate 64	7				
Minot Air Force Base		\$2,000.00 per month			
PAR Site		\$175.00 per month			
Firm Service			\$0.329	\$3.367	\$3.696
Interruptible Service - PAR			\$0.177	\$2.097	\$2.274
Interruptible Service - MAFB			\$0.177	\$2.329	\$2.506
Firm General Service Rate 70	13				
Meters rated < 500 cubic feet		\$0.70 per day			
Meters rated > 500 cubic feet		\$2.05 per day	\$0.811	\$3.367	\$4.178
Small Interruptible Gas Rate 71	14	\$190.00 per month	(Maximum) \$1.063	\$2.097	(Maximum) \$3.160
Optional Seasonal Gas Service Rate 72	15				
Meters rated < 500 cubic feet		\$0.70 per day			
Meters rated > 500 cubic feet		\$2.05 per day	\$0.811	\$3.492	\$4.303
Contracted Demand Service Rate 74	16		(Demand Charge)	(Capacity Charge)	\$10.490
Meters rated < 500 cubic feet		\$0.70 per day			
Meters rated > 500 cubic feet		\$2.05 per day	\$6.510	(COG/Dk)	\$2.232
Transportation Service	24				
Small Interruptible Rate 81		\$190.00 per month			
Maximum			\$0.668		\$0.668
Minimum			\$0.102		\$0.102
Large Interruptible Rate 82		\$1,500.00 per month			
Maximum			\$0.231		\$0.231
Minimum			\$0.061		\$0.061
Large Interruptible Gas Rate 85	27	\$1,500.00 per month	(Maximum) \$0.718	\$2.097	(Maximum) \$2.815
Residential Propane Rate 90	32	\$0.6860 per day	\$0.000	\$6.352	\$6.352
Firm General Propane Rate 92	34				
Meters rated < 500 cubic feet		\$0.70 per day			
Meters rated > 500 cubic feet		\$2.05 per day	\$0.811	\$6.352	\$7.163

Date Filed: September 8, 2020

Effective Date: Service rendered on and after October 1, 2020

Issued By: Travis R. Jacobson
Director - Regulatory Affairs

Case No.: PU-20-008

MONTANA-DAKOTA UTILITIES CO.
COST OF GAS TARIFF SHEET
NORTH DAKOTA GAS
EFFECTIVE OCTOBER 2020

	Firm			Small & Large Interruptible	Air Force Interruptible
	Residential & General Service	Optional Seasonal	Contracted Demand		
<u>Gas Cost Adjustment:</u>					
Gas Cost Level (Exhibit 3)	\$3.738	\$3.863	\$2.284	\$2.417	\$2.406
Prior Filed Gas Cost (Effective 9/1/2020)	<u>3.153</u>	<u>1.701</u>	<u>1.701</u>	<u>1.832</u>	<u>1.824</u>
Current Gas Cost Adjustment	\$0.585	\$2.162	\$0.583	\$0.585	\$0.582
<u>Surcharge Adjustment:</u>					
Current Adjustment (Exhibit 6)	(\$0.340)	(\$0.340)	(\$0.021)	(\$0.320)	(\$0.077)
Prior Filed Adjustment	<u>(0.160)</u>	<u>(0.160)</u>	<u>0.000</u>	<u>0.285</u>	<u>0.098</u>
Change in Surcharge Adjustment	(\$0.180)	(\$0.180)	(\$0.021)	(\$0.605)	(\$0.175)
Gas Cost Level	\$3.738	\$3.863	\$2.284	\$2.417	\$2.406
Plus: Surcharge	<u>(0.340)</u>	<u>(0.340)</u>	<u>(0.021)</u>	<u>(0.320)</u>	<u>(0.077)</u>
Total Gas Cost Level in Tariff Rates	<u>\$3.398</u>	<u>\$3.523</u>	<u>\$2.263</u>	<u>\$2.097</u>	<u>\$2.329</u>
<u>Grain Drying Margin Sharing</u>					
Current Adjustment (Exhibit 8)	(\$0.031)	(\$0.031)	(\$0.031)	\$0.000	\$0.000
Prior Filed Gas Cost	<u>(0.016)</u>	<u>(0.016)</u>	<u>(0.016)</u>	<u>0.000</u>	<u>0.000</u>
Change in Grain Drying Sharing Margin	(\$0.015)	(\$0.015)	(\$0.015)	\$0.000	\$0.000
Total Cost of Gas Billed	<u>\$3.367</u>	<u>\$3.492</u>	<u>\$2.232</u>	<u>\$2.097</u>	<u>\$2.329</u>
Net Increase (Decrease) in Gas Costs	<u>\$0.390</u>	<u>\$1.967</u>	<u>\$0.547</u>	<u>(\$0.020)</u>	<u>\$0.407</u>

**MONTANA-DAKOTA UTILITIES CO.
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA
RESIDENTIAL AND GENERAL SERVICE
EFFECTIVE OCTOBER 2020**

	<u>Amount</u>
Total Gas Costs 1/	\$60,957,320
Dk Requirements - Firm 2/	16,380,330
Average Cost of Gas per dk	\$3.721
Average Cost of Gas as Adjusted for Losses @ 99.55%	3.738
Less: Gas Cost Level in Rates 3/	3.153
Current Gas Cost Adjustment	\$0.585

- 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, 2020, adjusted for losses at .45%.
- 3/ Gas Cost Level in Current Tariff Rates Case No. PU-20-008 effective September 1, 2020:

Cost of Purchased Gas	\$3.139
Adjustment for Distribution Losses	99.55%
Gas Cost Level in Base Tariff Rates	\$3.153

**MONTANA-DAKOTA UTILITIES CO.
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA
NORTH DAKOTA - OPTIONAL SEASONAL - RATE 72
EFFECTIVE OCTOBER 2020**

	<u>Amount</u>
Total Gas Costs 1/	\$60,957,320
Less: Annual MDDQ Costs (Excludes Storage Capacity Reservation)	<u>23,704,904</u>
Total Gas Costs excluding MDDQ	\$37,252,416
Firm Service Requirements 1/	16,380,330
Other Gas Costs per Dk (excluding MDDQ)	\$2.274
<u>Winter - October - May</u> Annual MDDQ Costs	23,704,904
Winter Firm Service Requirements	15,080,076
MDDQ Costs per Winter Dk	\$1.572
Add: Other Gas Costs per Dk	<u>2.274</u>
Winter Seasonal Rate	\$3.846
Winter Seasonal Rate, adjusted for losses 2/	\$3.863
Less: Gas Cost Level in Rates 3/	<u>1.701</u>
Current Gas Cost Adjustment	<u><u>\$2.162</u></u>

1/ Exhibit 3, page 1.

2/ Loss factor of 0.45%.

3/ Gas Cost Level in Current Tariff Rates Case No. PU-20-008 effective September 1, 2020:

	<u>Summer</u>
Cost of Purchased Gas	\$1.693
Adjustment for Distribution Losses	99.55%
Gas Cost Level in Base Tariff Rates	\$1.701

**MONTANA-DAKOTA UTILITIES CO.
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA
FIRM GENERAL CONTRACTED DEMAND
EFFECTIVE OCTOBER 2020**

<u>Cost of Gas</u>	<u>Amount</u>
Total Gas Costs, Excluding Capacity 1/	\$37,252,416
Residential and General Service dk Requirements 2/	16,380,330
Average Cost of Gas per dk	\$2.274
Average Cost of Gas as Adjusted for Losses @ 99.55%	2.284
Less: Gas Cost Level in Rates 3/	<u>1.701</u>
Current Gas Cost Adjustment	<u><u>\$0.583</u></u>
<u>Capacity Charge</u>	
Current Monthly Capacity Charge 4/	\$10.49
Prior Filed Capacity Charge 3/	<u>10.49</u>
Current Capacity Charge Adjustment	<u><u>\$0.00</u></u>

- 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, 2020, adjusted for losses at .45%.
- 3/ Gas Cost Level in Current Tariff Rates Case No. PU-20-008 effective September 1, 2020:

Cost of Purchased Gas	\$1.693
Adjustment for Distribution Losses	0.9955
Gas Cost Level in Base Tariff Rates	\$1.701
Monthly Capacity Charge	\$10.49

4/ Annual MDDQ Costs divided by contracted capacity.

**MONTANA-DAKOTA UTILITIES CO.
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA
INTERRUPTIBLE
EFFECTIVE OCTOBER 2020**

	<u>Amount</u>
Total Gas Costs 1/	\$14,432,256
Dk Requirements - Interruptible	5,999,328
Average Cost of Gas per dk	\$2.406
Average Cost of Gas as Adjusted for Losses @ 99.55%	2.417
Less: Gas Cost Level in Rates 2/	1.832
Current Gas Cost Adjustment	\$0.585

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/ Gas Cost Level in Current Tariff Rates Case No. PU-20-008 effective September 1, 2020:

Cost of Purchased Gas	\$1.824
Adjustment for Distribution Losses	99.55%
Gas Cost Level in Base Tariff Rates	\$1.832

**MONTANA-DAKOTA UTILITIES CO.
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA
AIR FORCE INTERRUPTIBLE
EFFECTIVE OCTOBER 2020**

	<u>Amount</u>
Total Gas Costs 1/	\$1,100,817
Dk Requirements - Air Force Interruptible	457,577
Average Cost of Gas per dk	\$2.406
Less: Gas Cost Level in Rates 2/	<u>1.824</u>
Current Gas Cost Adjustment	<u><u>\$0.582</u></u>

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/ Gas Cost Level in Current Tariff Rates Case No. PU-20-008 effective September 1, 2020:

Cost of Purchased Gas	\$1.824
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**MONTANA-DAKOTA UTILITIES CO.
SUMMARY OF FIRM DK DELIVERIES, CAPACITY AND
CALCULATION OF INTERRUPTIBLE DEMAND
EFFECTIVE OCTOBER 2020**

	Normalized Firm Dk Deliveries 1/	Percent Firm
Montana	9,998,603	27.761553%
North Dakota	16,380,330	45.480692%
South Dakota	7,048,190	19.569604%
Wyoming	2,588,885	7.188151%
Total	36,016,008	100.000000%

	Total Capacity 2/	%
Montana	123,797	29.299123%
North Dakota	188,324	44.570774%
South Dakota	83,700	19.809338%
Wyoming	26,707	6.320765%
Total	422,528	100.000000%

INTERRUPTIBLE

	Dk volumes	100% Load Factor MDDQ
Montana	3,726,315 3/	10,209
North Dakota	5,999,328 4/	16,437
ND AFB	457,577 5/	1,254
South Dakota	1,731,859 6/	4,745
Wyoming	2,737,179 7/	7,499
Total	14,652,258	40,144

- 1/ Normalized firm sales volumes for the twelve months ended June 30, 2020, adjusted for losses.
- 2/ Required capacity reservation.
- 3/ Reflects level of interruptible dk volumes included in Docket No. D2017.9.79.
- 4/ Reflects level of interruptible dk volumes included in Case No. PU-17-295, excluding the Air Force.
- 5/ Reflects level of interruptible dk for Minot Air Force Base in Case No. PU-17-295.
- 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.

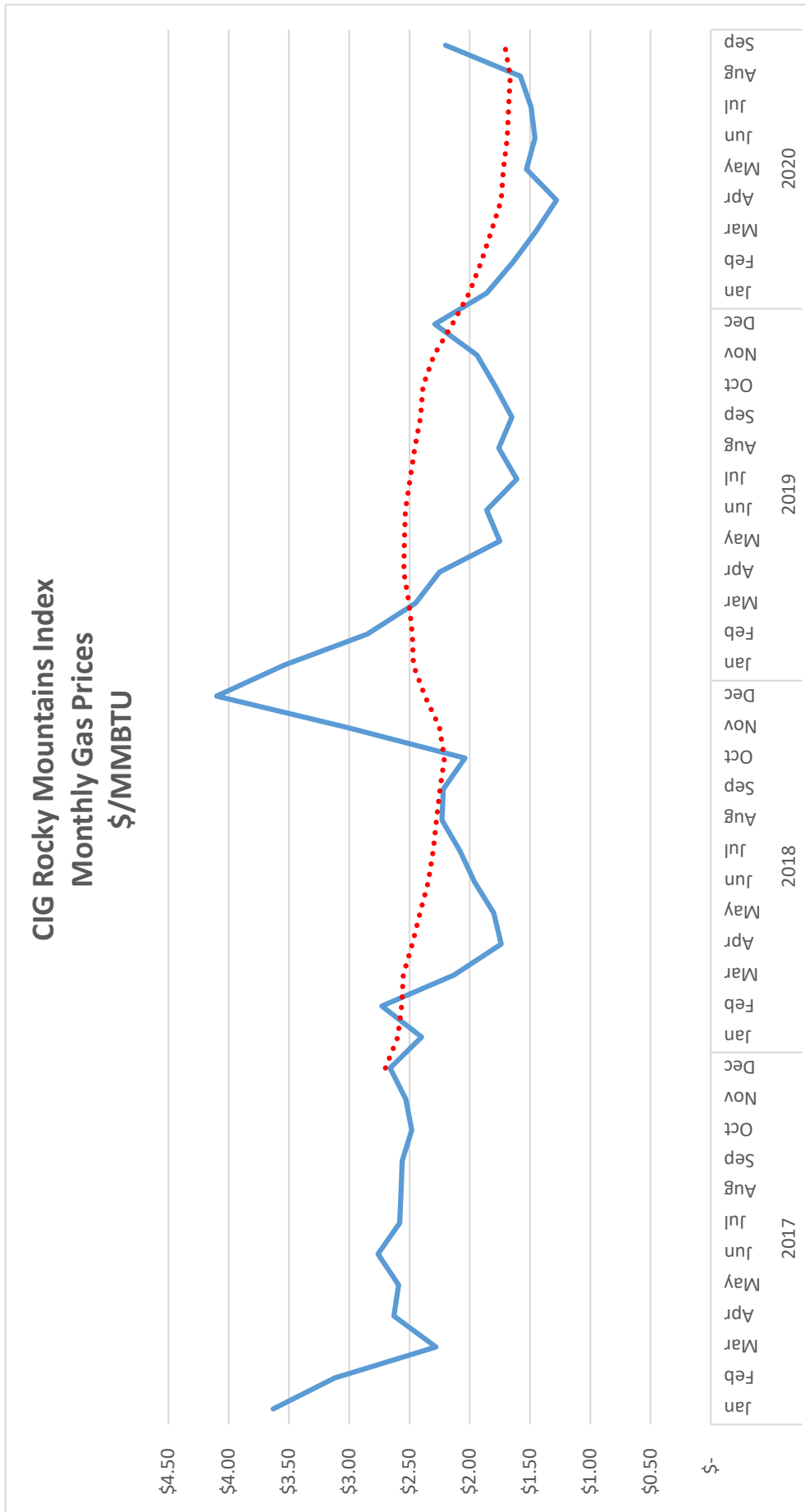
	Loss Factors	Inverse
Montana	0.72%	99.28%
North Dakota	0.45%	99.55%
South Dakota	1.00%	99.00%
Wyoming	0.68%	99.32%

**Montana-Dakota Utilities Co.
Market Conditions for Regional Natural Gas
October 2020**

The established monthly price for October 2020 Rocky Mountain CIG Index is expected to decrease by \$0.11/MMBTU to \$2.07/MMBTU in October from an expected \$2.18/MMBTU in September 2020. 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 21, 2020 at 14.7 percent above the five-year average and 20.4 percent 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>.



**MONTANA-DAKOTA UTILITIES CO.
CURRENT GAS COST ADJUSTMENT - NORTH DAKOTA
NORTH DAKOTA GAS UTILITY
EFFECTIVE OCTOBER 2020**

	<u>Requirements</u>	<u>Per Unit Cost</u>	<u>Amount</u>
<u>RESIDENTIAL AND GENERAL SERVICE</u>			
<i>Demand Costs - MDDQ</i>	188,324		
<i>Transportation & Storage Costs - Dk</i>	16,380,330		
<i>Commodity Costs - Dk</i>	16,380,330		
<i>Return on Rate Base</i>			
Demand Charges			\$117,830
Prepaid Commodity Balances			20,493
Cycle Storage Balances			405,194
<i>Total Return</i>			<u>\$543,517</u>
<i>Total Gas Costs - North Dakota only</i>			<u>\$60,957,320</u>
<u>INTERRUPTIBLE</u>			
<i>Demand Costs - MDDQ</i>	16,437		
<i>Transportation & Storage Costs - Dk</i>	5,999,328		
<i>Commodity Costs - Dk</i>	5,999,328		
<i>Return on Rate Base</i>			
Demand Charges			\$10,284
Prepaid Commodity Balances			1,789
Cycle Storage Balances			35,366
<i>Total Return</i>			<u>\$47,439</u>
<i>Total Gas Costs - North Dakota only</i>			<u>\$14,432,256</u>
<u>AIR FORCE INTERRUPTIBLE</u>			
<i>Demand Costs - MDDQ</i>	1,254		
<i>Transportation & Storage Costs - Dk</i>	457,577		
<i>Commodity Costs - Dk</i>	457,577		
<i>Return on Rate Base</i>			
Demand Charges			\$785
Prepaid Commodity Balances			136
Cycle Storage Balances			2,698
<i>Total Return</i>			<u>\$3,619</u>
<i>Total Gas Costs - North Dakota only</i>			<u>\$1,100,817</u>

**MONTANA-DAKOTA UTILITIES CO.
COMPUTATION OF CURRENT GAS COST ADJUSTMENT
TOTAL SYSTEM COSTS
EFFECTIVE OCTOBER 2020**

	<u>Quantity</u>		<u>Tariff Rate</u>	<u>Amount</u>
System Demand Charges				
Transportation Capacity Reservation (MDDQ)				
WBI FT-1	355,998	dk/Month	\$9.84165	\$42,043,293
WBI FT-1 (Valley Exp)		dk/Month	18.90563	
WBI FT-1 (Black Hills Exp)		dk/Month	12.10920	
WBI (Capacity Release)			1/	
NW T-FTG-1		dk/Month	10.00213	
Black Hills Gas		dk/Month	0.10650	
South Dakota Interstate Pipeline		dk/Month	10.76086	
Supplemental Transportation Capacity				
Northern Border et. al.		dk/Month	10.92570	
Viking Gas Transmission		dk/Month	3.80600	
Viking Gas Transmission (Release) 2/		dk/Month	4.75070	
Storage Capacity Reservation (MDDQ)				
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	
Total System Contracted Capacity		MDDQ		\$62,265,376
 System Commodity Charges				
Transportation Charges				
WBI FT-1 Commodity		dk	\$0.02587	
WBI FT-1 Commodity (Black Hills Exp)		dk	0.00110	
NW T-FTG-1 Commodity		dk	0.06207	
Black Hills Gas Commodity		dk	0.27520	
Viking Gas Transmission		dk	0.01470	
Fuel Charges				
WBI - Fuel - Transportation		dk		
NW - Fuel - Transportation		dk		
NB - Fuel - Transportation		dk		
WBI - Electric Power		dk	0.01453	
Storage Charges				
WBI FS-1 Injection		dk	0.01000	
WBI FS-1 Withdrawal		dk	0.01000	
WBI - Fuel - Storage		dk		
WBI - Electric Power		dk	0.00079	
Subtotal - Transportation Costs		dk		
 Gas Commodity Charges				
Gas Commodity		dk		
 Total System Commodity Cost of Gas	 36,016,008	 dk		 \$71,831,974

1/ Capacity release estimated based on actual releases for the 12 months ending April 2020.

2/ Seasonal capacity release for November 2019 - March 2020 at a price of \$4.7507 per dk/month.

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

Pipeline Rate Changes Since The October 2019 Filing Submitted

WBI Energy Transmission Inc. Docket No. RP19-1511-000

On August 30, 2019, WBI Energy Transmission filed its Semi-Annual Fuel and Electric Power Reimbursement Adjustment in Docket No. RP19-1511-000 to be effective October 1, 2019.

Approximate impact on Montana-Dakota's cost of gas: 1.9 cents per dk for North Dakota.

NOVA Gas Transmission Ltd.

On October 31, 2019, TransCanada filed new interim rates for the Alberta System with the National Energy Board (NEB) to be effective January 1, 2020.

Approximate impact on Montana-Dakota's cost of gas: 0.1 cents per dk for North Dakota.

Foothills Pipe Lines Ltd.

On October 31, 2019, TransCanada filed new rates for the Foothills Pipe Lines Ltd. System with the National Energy Board (NEB) to be effective January 1, 2020.

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

South Dakota Intrastate Pipeline Docket No. NG17-009

On September 24, 2019, SDIP filed a letter regarding Rate Adjustment. On October 24, 2019, the SD PUC approved the SDIP tariff sheets.

Approximate impact on Montana-Dakota's cost of gas: 0.5 cents per dk for North Dakota.

NorthWestern Energy Docket No. D2018.11.80

On December 7, 2018, NorthWestern Energy filed its 2018 Electric and Natural Gas Tax Tracker filing in Docket No. D2018.11.80 to be effective November 1, 2019.

Approximate impact on Montana-Dakota's cost of gas: (0.1) cents per dk for North Dakota.

Viking Gas Transmission Co. Docket No. RP20-16-000

On October 1, 2019, Viking Gas Transmission Co. filed its Semi-Annual adjustment to its fuel and loss retention percentages in Docket No. RP20-16-000 to be effective November 1, 2020.

Approximate impact on Montana-Dakota's cost of gas: 0.3 cents per dk for North Dakota.

Northern Border Pipeline Docket No. RP19-414-002

On November 26, 2019, Northern Border Pipeline Co. filed revised rates for the Amendent to Settlement in Docket No. RP19-414-001 as Docket No. RP19-414-002 to be effective January 1, 2020.

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

Viking Gas Transmission Co. Docket No. RP20-274-000

On November 26, 2019, Viking Gas Transmission Co. filed a correction to currently effective rates in Docket No. RP20-274-000 to be effective November 1, 2019.

Approximate impact on Montana-Dakota's cost of gas: (0.3) cents per dk for North Dakota.

WBI Energy Transmission Inc. Docket No. RP20-602-000

On February 28, 2020, WBI Energy Transmission filed its Annual Fuel and Electric Power Reimbursement Adjustment in Docket No. RP20-602-000 to be effective April 1, 2020.

Approximate impact on Montana-Dakota's cost of gas: 0.7 cents per dk for North Dakota.

Black Hills Energy Docket No. 30026-2-GR-19

On June 3, 2019, Black Hills Wyoming Gas filed to increase its natural gas rates in Docket No. 30026-2-GR-19 to be effective March 1, 2020. The rates reflect changes in the administrative fees, eliminating the demand component and increasing the commodity transportation charges.

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

Viking Gas Transmission Co. Docket No. RP19-1340-002

Viking Gas Transmission Co. implemented settlement rates on an interim basis in Docket No. RP19-1340-002 to be effective March 1, 2020.

Approximate impact on Montana-Dakota's cost of gas: (0.5) cents per dk for North Dakota.

NorthWestern Energy Docket No. D2019.11.089

On December 18, 2019, NorthWestern Energy filed its 2018 Electric and Natural Gas Tax Tracker filing in Docket No. D2019.11.089 to be effective January 1, 2020.

Approximate impact on Montana-Dakota's cost of gas: (0.1) cents per dk for North Dakota.

Viking Gas Transmission Co. Docket No. RP20-562-000

Viking Gas Transmission Co. implemented semi-annual fuel and losses retention adjustment in Docket No. RP20-562-000 to be effective April 1, 2020.

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

NorthWestern Energy Docket No. D2019.07.040

On June 23, 2020, NorthWestern Energy filed its annual gas cost tracking adjustment filing in Docket No. D2019.07.040 to be effective July 1, 2020.

Approximate impact on Montana-Dakota's cost of gas: 0.1 cents per dk for North Dakota.

NOVA Gas Transmission Ltd.

On May 1, 2020, NGTL filed revised interim rates for the Canada Energy Regulator (CER) to be effective June 1, 2020.

Approximate impact on Montana-Dakota's cost of gas: (0.4) 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 2020**

Northern Border 1/	
Monchy to Mina Mileage	506.0943
Maximum Rate (Daily)	\$0.0245
Maximum Rate Per 100 Miles	<u>\$0.1240</u>
Foothills (FT) Zone 9	
Rate (Canadian GJ/d) 2/	\$0.1450
GJ/d conversion to MMBtu	1.0551
Currency Exchange Rate 3/	0.7635
	<u>0.1168</u>
NOVA - FT-D	
Demand Rate (Canadian GJ/d) 4/	\$0.1470
GJ/d conversion to MMBtu	1.0551
Currency Exchange Rate 3/	0.7635
	<u>0.1184</u>
Northern Border Et Al Rate (dk/Day)	<u><u>\$0.3592</u></u>
Northern Border Et Al Rate (dk/Month)	<u><u>\$10.9257</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, 2020.
- 3/ Exchange rate per August 28, 2020 Gas Daily.
- 4/ FT-D Demand Rate per Month, Empress/McNeill Border, rates effective June 1, 2020 (expressed as a daily rate). Includes a 5% discount rate based on 3-4 year term contract expiring 12/31/2021. See Exhibit 4, page 15-16.

**MONTANA-DAKOTA UTILITIES CO.
NORTHWESTERN ENERGY DEMAND AND COMMODITY CHARGES
EFFECTIVE OCTOBER 2020**

<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	9.965328	1,279,548
			<u>1,284,273</u>
Demand charge per dk			<u>\$10.00213</u>
<u>Commodity: 3/</u>			\$0.06207

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

2/ Firm Transportation Reservation Rate (T-FTG-1), see Exhibit 4, page 17.

54th Revised Sheet No. 80.1, effective July 1, 2020.

3/ Firm Transmission Commodity Rate (T-FTG-1)

54th Revised Sheet No. 80.1, effective July 1, 2020.

Transportation (max)	\$0.058237
GTAC	0.003834
Total T-FTG-1 Rate (max)	<u>\$0.062071</u>

**MONTANA-DAKOTA UTILITIES CO.
SOUTH DAKOTA INTRASTATE PIPELINE TRANSPORTATION CHARGES
EFFECTIVE OCTOBER 2020**

<u>Demand:</u>	<u>Monthly Rate 1/</u>	<u>Daily Capacity 2/</u>	<u>Total</u>
MDDQ	\$170,620.58		
Estimated Interruptible Credit 3/	(48,700.00)		
	<u>121,920.58</u>	11,330	\$10.76086

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

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

3/ Revenue credit based on average of the actual credits received for the 10 months ending April 2020.

**MONTANA-DAKOTA UTILITIES CO.
BLACK HILLS GAS TRANSPORTATION CHARGES
EFFECTIVE OCTOBER 2020**

<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	2,000		<u>\$0.10650</u>
<u>Commodity: 2/</u> Transportation			<u>\$0.2752</u>

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

2/ Discount Agreement for Montana-Dakota Utilities Co. on Firm Transportation Service Agreement #6000621 effective February 1, 2020 through October 31, 2020.

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
RESERVATION CHARGE					
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	RATE PER DKT	25.644	N.A.	N.A.	25.644
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					
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	1.419%	(0.038)%	1.381%
L&U REIMBURSEMENT	0.062%	0.394%	0.456%

STORAGE - RATE SCHEDULES FS-1 AND IS-1

	<u>CURRENT PERCENTAGE</u>	<u>DEFERRAL PERCENTAGE</u>	<u>TOTAL PERCENTAGE</u>
FUEL USE REIMBURSEMENT	0.182%	(0.254)%	(0.072)%
L&U REIMBURSEMENT	0.175%	0.301%	0.476%

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	1.208	0.245	1.453

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	0.079	0.079

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.

Revised Interim 2020 Rates - Year One Transition

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) \$203.97 / 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 \$4.91 / GJ / month FT-D Demand Rate for Group 2 Delivery Points \$6.66 / GJ / month FT-D Demand Rate for Group 3 Delivery Points \$8.00 / 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	
9. Rate Schedule IT-R	Refer to Attachment "1" for applicable IT-R Rate for each Receipt Point	
10. Rate Schedule IT-D ¹	Refer to Attachment "2" for applicable IT-D Rate for each Delivery Point	
11. Rate Schedule FCS	The FCS Charge is determined in accordance with Attachment "1" to the applicable Schedule of Service	
12. Rate Schedule PT	The PT Charge is determined in accordance with the applicable Schedule of Service	
13. Rate Schedule OS	<u>Schedule No.</u>	<u>Charge</u>
	2019400720	\$111.41 / 10 ³ m ³ / month
	2011475772	\$9,250 / month
	2019378664	\$633 / month
	2003004522	Applicable IT-R and IT-D Rate
	2011476052 /	\$0.2185 / GJ subject to
	2011476054	\$717,000 Minimum Annual Charge
	2017887638 / 2011476092	\$0.095 / GJ and
	2016721799 / 2016759254	\$1,000 / month
14. Rate Schedule CO ₂	<u>Tier</u>	<u>CO₂ Rate (\$/10³m³)</u>
	1	555.85
	2	439.72
	3	284.30
15. Monthly Abandonment Surcharge ²	\$7.37 / 10 ³ m ³ / month	\$0.20 / GJ / month
16. Daily Abandonment Surcharge ³	\$0.24 / 10 ³ m ³ / day	\$0.0064 / GJ / day
17. Federal Fuel Charge ⁴	Marketable Natural Gas ⁵	\$0.0587 / m ³

- Service under rate Schedules FT-D, FT-P and IT-D for delivery stations identified in Attachment 2, and rate Schedules OS No. 2011476092, are subject to the ATCO Pipelines Franchise Fees pursuant to paragraph 15.13 of the General Terms and Conditions.
- Monthly Abandonment Surcharge applicable to Rate Schedules FT-R, FT-D, FT-P, FT-RN, FT-DW, and STFT, and the following Rate Schedule OS: 2019400720.
- Daily Abandonment Surcharge applicable to Rate Schedules IT-R, IT-D, the following Rate Schedules OS: 2011476052, 2011476054, 2017887638, 2011476092, 2016721799, 2016759254, 2003004522, 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*.

Revised Interim 2020 Rates - Year One Transition

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	5.19	0.1872
31111	ALLIANCE CLAIRMONT INTERCONNECT APN	4.72	0.1704
31110	ALLIANCE EDSON INTERCONNECT APN	4.72	0.1704
31112	ALLIANCE SHELL CREEK INTERCONNECT APGC	4.72	0.1704
1958	EMPRESS BORDER	4.72	0.1704
3886	GORDONDALE BORDER	4.72	0.1704
6404	MCNEILL BORDER	4.72	0.1704

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	6.66	0.2403	Yes
31001	ADM AGRI INDUSTRIES SALES APN	6.66	0.2403	Yes
3880	AECO INTERCONNECTION	6.66	0.2403	
31003	AGRIUM CARSELAND SALES APS	6.66	0.2403	
31002	AGRIUM FT. SASK SALES APN	6.66	0.2403	Yes
31004	AGRIUM REDWATER SALES APN	6.66	0.2403	
31005	AINSWORTH SALES APGP	6.66	0.2403	
31006	AIR LIQUIDE SALES APN	6.66	0.2403	
6126	AITKEN CREEK SOUTH SALES ²	9.79	0.3430	
3214	AKUINU RIVER WEST SALES	6.66	0.2403	
31007	ALBERTA ENVIROFUELS SALES APN	6.66	0.2403	Yes ³
31008	ALBERTA HOSPITAL SALES APN	6.66	0.2403	Yes
3868	ALBERTA-MONTANA BORDER	6.66	0.2403	
3297	ALDER FLATS SOUTH NO 2 SALES	6.66	0.2403	
3059	ALLISON CREEK SALES	6.66	0.2403	
6132	ALTARES SALES ²	9.79	0.3430	
6133	ALTARES SOUTH SALES ²	9.79	0.3430	
31009	ALTASTEEL SALES APN	6.66	0.2403	Yes ³
3562	AMOCO SALES (BP SALES TAP)	6.66	0.2403	
6145	ANDERSON LAKE SALES	6.66	0.2403	
31012	APL JASPER SALES APN	6.66	0.2403	Yes
3488	ARDLEY SALES	6.66	0.2403	
3237	ASPEN SALES	6.66	0.2403	
3662	ATUSIS CREEK EAST SALES	6.66	0.2403	
3216	AURORA NO 2 SALES	6.66	0.2403	
3135	AURORA SALES	6.66	0.2403	
3288	BANTRY SALES	6.66	0.2403	

NATURAL GAS TARIFF



Canceling 54th Revised Sheet No. 80.1
53rd Revised Sheet No. 80.1

Schedule No. T-FTG-1

TRANSPORTATION BUSINESS UNIT
FIRM TRANSPORTATION NATURAL GAS SERVICE

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

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

PLUS:

Transmission Reservation Rate (MDDQ):

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

\$ 0.9965328 \$ 0.2842560 \$ 0.7122768

Transmission Commodity Rate (Therm):

Maximum

\$ 0.0058237 \$ 0.0021822 \$ 0.0036415

Minimum

\$ 0.0017935 \$ 0.0017935

GTAC Amortization

\$ 0.0003834 \$ 0.0003834

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.: 2019.07.040, Interim Order No. 7734
Commission Approved: June 23, 2020
Tariff Letter No.: 339-G
Agenda No.: 20-06-23

Effective for services rendered ~~on or after~~
after July 1, 2020
Wendy Osborne
Administrative Assistant



STATE OF SOUTH DAKOTA
GAS RATE SCHEDULE

Exhibit 4
Page 18 of 21

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	(\$0.0009)	\$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				\$0.0000

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 = 1.005%
 Storage Injection Fuel and Lost and Unaccounted For Gas percentage = 2.897%
 Choice Gas Service Distribution Fuel and Lost and Unaccounted For Gas Reconciliation percentage = (0.099)%
 Distribution and Gas Cost Adjustment Fuel and Lost and Unaccounted For Gas percentage = (0.429)%

Cheyenne Division

Distribution and Gas Cost Adjustment Fuel and Lost and Unaccounted For Gas percentage = 1.000%

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 = 0.828%
 Distribution and Gas Cost Adjustment Fuel and Lost and Unaccounted for Gas percentage = 0.932%

Torrington Division

Choice Gas Service Distribution Fuel and Lost and Unaccounted For Gas Reconciliation percentage = 2.678%
 Distribution and Gas Cost Adjustment Fuel and Lost and Unaccounted For Gas percentage = 0.495%

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		\$0.0350	

- 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 2020**

	General Service		
	Storage Balance 1/	Prepaid Commodity Balance 2/	Prepaid Demand 1/
October 2020	\$9,178,802	\$406,772	\$5,697,088
November	7,548,594	343,241	4,627,970
December	4,650,655	230,304	2,244,779
January 2021	1,513,677	136,910	(471,423)
February	(1,013,928)	61,657	(2,365,999)
March	(1,651,193)	42,685	(3,544,857)
April	(1,007,437)	61,851	(3,309,360)
May	1,447,908	134,952	(1,919,147)
June	3,706,700	202,201	(47,236)
July	5,924,728	268,236	1,826,391
August	8,249,704	334,119	3,700,018
September	10,303,039	393,428	5,343,045
October	11,116,033	416,509	5,657,136
13 month average	<u>\$4,612,868</u>	<u>\$233,297</u>	<u>\$1,341,416</u>
Rate of Return	7.236%	7.236%	7.236%
Return	\$333,787	\$16,881	\$97,065
Return Requirement	<u>\$405,194</u>	<u>\$20,493</u>	<u>\$117,830</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, 2020 THROUGH SEPTEMBER 30, 2021**

(Over)/under recovered gas costs @ July 31, 2020 (\$5,634,020)

Less: Projected recovery from rates already established

	Volume	Rate	Amount
August	254,000	(\$0.160)	(40,640)
September	388,000	(0.160)	(62,080)
	642,000		(102,720)

Additional recovery required (\$5,531,300)

Projected sales volumes (dk)

October 2020	1,157,000		
November	1,979,000		
December	2,748,000		
January 2021	2,944,000		
February	2,463,000		
March	2,044,000		
April	1,216,000		
May	540,000		
June	258,000		
July	257,000		
August	257,000		
September	392,000		
Total			16,255,000

Total (over)/under recovered gas cost adjustment
to be effective October 1, 2020 through September 30, 2021 (\$0.340)

**MONTANA-DAKOTA UTILITIES CO.
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ADJUSTMENT
APPLICABLE TO NORTH DAKOTA
INTERRUPTIBLE
TO BE EFFECTIVE OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021**

(Over)/under recovered gas costs @ July 31, 2020 (\$188,326)

Less: Projected recovery from rates already established

	Volume	Rate	Amount
August	19,000	\$0.285	5,415
September	20,000	0.285	5,700
	39,000		11,115

Additional recovery required (\$199,441)

Projected sales volumes (dk)

October 2020		78,000	
November		102,000	
December		83,000	
January 2021		89,000	
February		73,000	
March		65,000	
April		41,000	
May		24,000	
June		17,000	
July		13,000	
August		19,000	
September		20,000	
Total			624,000

Total (over)/under recovered gas cost adjustment
to be effective October 1, 2020 through September 30, 2021 (\$0.320)

**MONTANA-DAKOTA UTILITIES CO.
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ADJUSTMENT
APPLICABLE TO NORTH DAKOTA
AIR FORCE INTERRUPTIBLE
TO BE EFFECTIVE OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021**

(Over)/under recovered gas costs @ July 31, 2020 (\$30,977)

Less: Projected recovery from rates already established

	Volume	Rate	Amount
August	19,000	\$0.098	1,862
September	26,000	0.098	2,548
	45,000		4,410

Additional recovery required (\$35,387)

Projected sales volumes (dk)

October 2020	40,000		
November	49,000		
December	68,000		
January 2021	72,000		
February	62,000		
March	52,000		
April	32,000		
May	16,000		
June	11,000		
July	12,000		
August	19,000		
September	26,000		
Total			459,000

Total (over)/under recovered gas cost adjustment
to be effective October 1, 2020 through September 30, 2021 (\$0.077)

**MONTANA-DAKOTA UTILITIES CO.
COMPUTATION OF (OVER) / UNDER RECOVERED GAS COST ADJUSTMENT
APPLICABLE TO NORTH DAKOTA
CONTRACTED DEMAND
TO BE EFFECTIVE OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021**

(Over)/under recovered gas costs @ July 31, 2020	(\$5,809)
Projected sales volumes (dk)	
Total 1/	<u>273,000</u>
Total (over)/under recovered gas cost adjustment to be effective October 1, 2020 through September 30, 2021	<u>(\$0.021)</u>

1/ Contracted Demand - Rate 74 was established in Case PU-17-295; therefore, there is limited history regarding monthly volumes upon which the Company establishes projected volumes. The projected volumes are based on actual volumes from June 2019 to May 2020.

**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, 2019									<u>(\$2,780,176)</u>
August	(\$231,215)	\$0	(\$4,418)	(\$235,633)	319,067	(\$0.214)	(\$68,280)	(\$167,353)	(2,947,529)
September	(158,665)	0	(4,539)	(163,204)	323,765	(0.214)	(69,287)	(93,917)	(3,041,446)
October	(416,213)	0	(4,086)	(420,299)	773,121	(0.160)	(148,238) 2/	(272,061)	(3,313,507)
November	(650,093)	0	(4,159)	(654,252)	1,593,794	(0.160)	(255,007)	(399,245)	(3,712,752)
December	(166,249)	0	(4,672)	(170,921)	2,177,560	(0.160)	(348,409)	177,488	(3,535,264)
January 2020	(406,359)	0	(4,389)	(410,748)	2,956,501	(0.160)	(473,039)	62,291	(3,472,973)
February	(1,076,854)	0	(4,316)	(1,081,170)	2,590,400	(0.160)	(414,464)	(666,706)	(4,139,679)
March	(582,763)	0	(3,670)	(586,433)	2,355,207	(0.160)	(376,834)	(209,599)	(4,349,278)
April	(920,754)	0	(501)	(921,255)	1,839,585	(0.160)	(294,333)	(626,922)	(4,976,200)
May	(552,969)	0	(533)	(553,502)	1,031,235	(0.160)	(164,998)	(388,504)	(5,364,704)
June	(135,301)	0	(708)	(136,009)	535,602	(0.160)	(85,696)	(50,313)	(5,415,017)
July	(271,396)	0	(581)	(271,977)	331,092	(0.160)	(52,974)	(219,003)	(5,634,020)
	<u>(\$5,568,831)</u>	<u>\$0</u>	<u>(\$36,572)</u>	<u>(\$5,605,403)</u>	<u>16,826,929</u>		<u>(\$2,751,559)</u>	<u>(\$2,853,844)</u>	
Balance @ July 31, 2020									<u>(\$5,634,020)</u>

1/ Interest calculated at Three Month Treasury Bill rate.

2/ Reflects 454,420 dk @ (\$0.214) and 318,701 dk @ (\$0.160).

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, 2019									<u>\$169,464</u>
August	(\$1,787)	\$0	\$272	(\$1,515)	16,839	(\$0.021)	(\$353)	(\$1,162)	168,302
September	(2,747)	0	261	(2,486)	23,041	(0.021)	(484)	(2,002)	166,300
October	(5,129)	0	225	(4,904)	43,440	0.285	1,947 2/	(6,851)	159,449
November	8,025	0	201	8,226	114,769	0.285	32,709	(24,483)	134,966
December	25,503	0	170	25,673	231,863	0.285	66,081	(40,408)	94,558
January 2020	340	0	117	457	131,254	0.285	37,408	(36,951)	57,607
February	(35,641)	0	71	(35,570)	100,843	0.285	28,740	(64,310)	(6,703)
March	(23,131)	0	(7)	(23,138)	116,113	0.285	33,093	(56,231)	(62,934)
April	(37,834)	0	(7)	(37,841)	103,967	0.285	29,631	(67,472)	(130,406)
May	(23,038)	0	(14)	(23,052)	52,370	0.285	14,925	(37,977)	(168,383)
June	4,183	0	(22)	4,161	26,346	0.285	7,509	(3,348)	(171,731)
July	(9,462)	0	(19)	(9,481)	24,964	0.285	7,114	(16,595)	(188,326)
	<u>(\$100,718)</u>	<u>\$0</u>	<u>\$1,248</u>	<u>(\$99,470)</u>	<u>985,809</u>		<u>\$258,320</u>	<u>(\$357,790)</u>	
Balance @ July 31, 2020									<u>(\$188,326)</u>

1/ Interest calculated at Three Month Treasury Bill rate.
2/ Reflects 34,097 dk @ (\$0.021) and 9,343 dk @ \$0.285.

**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, 2019									<u>\$47,615</u>
August	(\$6,365)	\$0	\$77	(\$6,288)	3,252	(\$0.032)	(\$104)	(\$6,184)	41,431
September	167	0	65	232	3,917	(0.032)	(125)	357	41,788
October	(1,148)	0	57	(1,091)	8,902	0.098	(285) 2/	(806)	40,982
November	(2,651)	0	52	(2,599)	33,342	0.098	3,268	(5,867)	35,115
December	4,169	0	44	4,213	43,700	0.098	4,282	(69)	35,046
January 2020	6,566	0	44	6,610	55,172	0.098	5,408	1,202	36,248
February	(21,365)	0	45	(21,320)	61,775	0.098	6,054	(27,374)	8,874
March	(8,020)	0	8	(8,012)	49,753	0.098	4,876	(12,888)	(4,014)
April	(10,306)	0	(1)	(10,307)	42,161	0.098	4,131	(14,438)	(18,452)
May	(18,573)	0	(2)	(18,575)	32,199	0.098	3,156	(21,731)	(40,183)
June	4,789	0	(5)	4,784	15,340	0.098	1,504	3,280	(36,903)
July	6,408	0	(4)	6,404	4,880	0.098	478	5,926	(30,977)
	<u>(\$46,329)</u>	<u>\$0</u>	<u>\$380</u>	<u>(\$45,949)</u>	<u>354,393</u>		<u>\$32,643</u>	<u>(\$78,592)</u>	
Balance @ July 31, 2020									<u>(\$30,977)</u>

1/ Interest calculated at Three Month Treasury Bill rate.

2/ Reflects 8,902 dk @ (\$.032) and 0 dk @ \$0.098.

**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, 2019									<u><u>(\$1)</u></u>
August	(\$1)	\$0	\$0	(\$1)	2	(\$0.214)	(\$1)	\$0	(1)
September	(631)	0	0	(631)	5,833	(0.214)	(1,248)	617	616
October	(613)	0	1	(612)	4,825	0.000	(1,032) 2/	420	1,036
November	635	0	1	636	5,770	0.000	0	636	1,672
December	3,664	0	4	3,668	8,639	0.000	0	3,668	5,340
January 2020	2,297	(1,339) 3/	5	963	9,900	0.000	0	963	6,303
February	(7,679)	0	8	(7,671)	36,836	0.000	0	(7,671)	(1,368)
March	860	0	(1)	859	24,026	0.000	1	858	(510)
April	(2,708)	0	0	(2,708)	19,278	0.000	0	(2,708)	(3,218)
May	(4,837)	0	0	(4,837)	15,770	0.000	0	(4,837)	(8,055)
June	4,759	0	(1)	4,758	12,736	0.000	0	4,758	(3,297)
July	(2,512)	0	0	(2,512)	12,116	0.000	0	(2,512)	(5,809)
	<u>(\$6,766)</u>	<u>(\$1,339)</u>	<u>\$17</u>	<u>(\$8,088)</u>	<u>155,731</u>		<u>(\$2,280)</u>	<u>(\$5,808)</u>	
Balance @ July 31, 2020									<u><u>(\$5,809)</u></u>

1/ Interest calculated at Three Month Treasury Bill rate.

2/ Reflects 0 dk @ \$0.000 and 4,825 dk @ (\$0.214).

3/ Adjustment due to incorrect amortization rates used in October and November, 2019.

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

	1/	2/	3/	Total	Seasonal	Total
<u>August 2019</u>						
Cost of Gas - Actual	\$3.42323	\$3.13369	\$3.42323		\$2.28571	
Cost of Gas - Recovered	3.90800	3.90800	3.90800		2.33100	
(Over) Under recovery per dk	(\$0.48477)	(\$0.77431)	(\$0.48477)		(\$0.04529)	
dk billed	0	4/ 267,512	49,474	316,986	2,081	319,067
(Over) Under recovery	\$0	(\$207,137)	(\$23,984)	(\$231,121)	(\$94)	(\$231,215)
<u>September 2019</u>						
Cost of Gas - Actual	\$3.39346	\$3.42323	\$3.39346		\$2.15817	
Cost of Gas - Recovered	3.90800	3.90800	3.90800		2.33100	
(Over) Under recovery per dk	(\$0.51454)	(\$0.48477)	(\$0.51454)		(\$0.17283)	
dk billed	0	4/ 253,011	69,596	322,607	1,158	323,765
(Over) Under recovery	\$0	(\$122,655)	(\$35,810)	(\$158,465)	(\$200)	(\$158,665)
<u>October 2019</u>						
Cost of Gas - Actual	\$3.21558	\$3.39346	\$3.21558		\$2.18016	
Cost of Gas - Recovered	3.74700	3.90800	3.90800		2.33100	
(Over) Under recovery per dk	(\$0.53142)	(\$0.51454)	(\$0.69242)		(\$0.15084)	
dk billed	318,701	379,991	74,046	772,738	383	773,121
(Over) Under recovery	(\$169,364)	(\$195,520)	(\$51,271)	(\$416,155)	(\$58)	(\$416,213)
<u>November 2019</u>						
Cost of Gas - Actual	\$3.61181	\$3.21558	\$3.61181		\$3.97400	
Cost of Gas - Recovered	3.74700	3.74700	3.74700		3.87800	
(Over) Under recovery per dk	(\$0.13519)	(\$0.53142)	(\$0.13519)		\$0.09600	
dk billed	0	4/ 1,097,200	496,094	1,593,294	500	1,593,794
(Over) Under recovery	\$0	(\$583,074)	(\$67,067)	(\$650,141)	\$48	(\$650,093)
<u>December 2019</u>						
Cost of Gas - Actual	\$3.80931	\$3.61181	\$3.80931		\$3.99506	
Cost of Gas - Recovered	3.74700	3.74700	3.74700		3.87800	
(Over) Under recovery per dk	\$0.06231	(\$0.13519)	\$0.06231		\$0.11706	
dk billed	0	4/ 1,529,000	647,749	2,176,749	811	2,177,560
(Over) Under recovery	\$0	(\$206,705)	\$40,361	(\$166,344)	\$95	(\$166,249)
<u>January 2020</u>						
Cost of Gas - Actual	\$3.51413	\$3.80931	\$3.51413		\$3.81921	
Cost of Gas - Recovered	4.00900	3.74700	3.74700		3.87800	
(Over) Under recovery per dk	(\$0.49487)	\$0.06231	(\$0.23287)		(\$0.05879)	
dk billed	1,031,748	1,870,961	52,823	2,955,532	969	2,956,501
(Over) Under recovery	(\$510,581)	\$116,580	(\$12,301)	(\$406,302)	(\$57)	(\$406,359)

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

	1/	2/	3/	Total	Seasonal	Total
<u>February 2020</u>						
Cost of Gas - Actual	\$3.49767	\$3.51413	\$3.49767		\$3.69837	
Cost of Gas - Recovered	3.72200	4.00900	4.00900		4.13900	
(Over) Under recovery per dk	(\$0.22433)	(\$0.49487)	(\$0.51133)		(\$0.44063)	
dk billed	757,145	1,843,092	(10,638)	2,589,599	801	2,590,400
(Over) Under recovery	(\$169,850)	(\$912,091)	\$5,440	(\$1,076,501)	(\$353)	(\$1,076,854)
<u>March 2020</u>						
Cost of Gas - Actual	\$3.42733	\$3.49767	\$3.42733		\$3.59109	
Cost of Gas - Recovered	3.72200	3.72200	3.72200		3.85100	
(Over) Under recovery per dk	(\$0.29467)	(\$0.22433)	(\$0.29467)		(\$0.25991)	
dk billed	0	1,581,165	773,279	2,354,444	763	2,355,207
(Over) Under recovery	\$0	(\$354,703)	(\$227,862)	(\$582,565)	(\$198)	(\$582,763)
<u>April 2020</u>						
Cost of Gas - Actual	\$2.90624	\$3.42733	\$2.90624		\$3.29355	
Cost of Gas - Recovered	3.72200	3.72200	3.72200		3.85100	
(Over) Under recovery per dk	(\$0.81576)	(\$0.29467)	(\$0.81576)		(\$0.55745)	
dk billed	0	1,112,562	726,402	1,838,964	621	1,839,585
(Over) Under recovery	\$0	(\$327,838)	(\$592,570)	(\$920,408)	(\$346)	(\$920,754)
<u>May 2020</u>						
Cost of Gas - Actual	\$3.16910	\$2.90624	\$3.16910		\$3.54527	
Cost of Gas - Recovered	3.04500	3.72200	3.72200		3.85100	
(Over) Under recovery per dk	\$0.12410	(\$0.81576)	(\$0.55290)		(\$0.30573)	
dk billed	259,482	603,331	167,924	1,030,737	498	1,031,235
(Over) Under recovery	\$32,202	(\$492,174)	(\$92,845)	(\$552,817)	(\$152)	(\$552,969)
<u>June 2020</u>						
Cost of Gas - Actual	\$2.69168	\$3.16910	\$2.69168		\$3.48514	
Cost of Gas - Recovered	3.41600	3.04500	3.04500		3.17100	
(Over) Under recovery per dk	(\$0.72432)	\$0.12410	(\$0.35332)		\$0.31414	
dk billed	129,622	211,260	192,968	533,850	1,752	535,602
(Over) Under recovery	(\$93,888)	\$26,217	(\$68,180)	(\$135,851)	\$550	(\$135,301)
<u>July 2020</u>						
Cost of Gas - Actual	\$2.51712	\$2.69168	\$2.51712		\$1.83878	
Cost of Gas - Recovered	3.41600	3.41600	3.41600		1.92700	
(Over) Under recovery per dk	(\$0.89888)	(\$0.72432)	(\$0.89888)		(\$0.08822)	
dk billed	0	137,666	190,731	328,397	2,695	331,092
(Over) Under recovery	\$0	(\$99,714)	(\$171,444)	(\$271,158)	(\$238)	(\$271,396)

1/ Consumed in current month.

2/ Consumed in prior month.

3/ True-up of prior month volumes.

4/ No change in the PGA. Current month volumes are included in the true-up.

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

	1/	2/	3/	Total
<u>August 2019</u>				
Cost of Gas - Actual	\$2.42660	\$2.26774	\$2.42660	
Cost of Gas - Recovered	2.47100	2.47100	2.47100	
(Over) Under recovery per dk	(\$0.04440)	(\$0.20326)	(\$0.04440)	
dk billed	0	4/ 6,541	10,298	16,839
(Over) Under recovery	\$0	(\$1,330)	(\$457)	(\$1,787)
<u>September 2019</u>				
Cost of Gas - Actual	\$2.29886	\$2.42660	\$2.29886	
Cost of Gas - Recovered	2.47100	2.47100	2.47100	
(Over) Under recovery per dk	(\$0.17214)	(\$0.04440)	(\$0.17214)	
dk billed	0	4/ 9,549	13,492	23,041
(Over) Under recovery	\$0	(\$424)	(\$2,323)	(\$2,747)
<u>October 2019</u>				
Cost of Gas - Actual	\$2.32998	\$2.29886	\$2.32998	
Cost of Gas - Recovered	2.31000	2.47100	2.47100	
(Over) Under recovery per dk	\$0.01998	(\$0.17214)	(\$0.14102)	
dk billed	9,343	16,325	17,772	43,440
(Over) Under recovery	\$187	(\$2,810)	(\$2,506)	(\$5,129)
<u>November 2019</u>				
Cost of Gas - Actual	\$2.40904	\$2.32998	\$2.40904	
Cost of Gas - Recovered	2.31000	2.31000	2.31000	
(Over) Under recovery per dk	\$0.09904	\$0.01998	\$0.09904	
dk billed	0	4/ 42,262	72,507	114,769
(Over) Under recovery	\$0	\$844	\$7,181	\$8,025
<u>December 2019</u>				
Cost of Gas - Actual	\$2.42540	\$2.40904	\$2.42540	
Cost of Gas - Recovered	2.31000	2.31000	2.31000	
(Over) Under recovery per dk	\$0.11540	\$0.09904	\$0.11540	
dk billed	0	4/ 76,649	155,214	231,863
(Over) Under recovery	\$0	\$7,591	\$17,912	\$25,503
<u>January 2020</u>				
Cost of Gas - Actual	\$2.25071	\$2.42540	\$2.25071	
Cost of Gas - Recovered	2.60000	2.31000	2.31000	
(Over) Under recovery per dk	(\$0.34929)	\$0.11540	(\$0.05929)	
dk billed	16,752	74,305	40,197	131,254
(Over) Under recovery	(\$5,852)	\$8,575	(\$2,383)	\$340

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

	1/	2/	3/	Total
<u>February 2020</u>				
Cost of Gas - Actual	\$2.15407	\$2.25071	\$2.15407	
Cost of Gas - Recovered	2.31800	2.60000	2.60000	
(Over) Under recovery per dk	(\$0.16393)	(\$0.34929)	(\$0.44593)	
dk billed	8,610	71,398	20,835	100,843
(Over) Under recovery	(\$1,411)	(\$24,939)	(\$9,291)	(\$35,641)
<u>March 2020</u>				
Cost of Gas - Actual	\$2.06034	\$2.15407	\$2.06034	
Cost of Gas - Recovered	2.31800	2.31800	2.31800	
(Over) Under recovery per dk	(\$0.25766)	(\$0.16393)	(\$0.25766)	
dk billed	0 4/	72,399	43,714	116,113
(Over) Under recovery	\$0	(\$11,868)	(\$11,263)	(\$23,131)
<u>April 2020</u>				
Cost of Gas - Actual	\$1.75277	\$2.06034	\$1.75277	
Cost of Gas - Recovered	2.31800	2.31800	2.31800	
(Over) Under recovery per dk	(\$0.56523)	(\$0.25766)	(\$0.56523)	
dk billed	0 4/	68,052	35,915	103,967
(Over) Under recovery	\$0	(\$17,534)	(\$20,300)	(\$37,834)
<u>May 2020</u>				
Cost of Gas - Actual	\$1.97949	\$1.75277	\$1.97949	
Cost of Gas - Recovered	1.67400	2.31800	2.31800	
(Over) Under recovery per dk	\$0.30549	(\$0.56523)	(\$0.33851)	
dk billed	4,208	35,377	12,785	52,370
(Over) Under recovery	\$1,286	(\$19,996)	(\$4,328)	(\$23,038)
<u>June 2020</u>				
Cost of Gas - Actual	\$1.71822	\$1.97949	\$1.71822	
Cost of Gas - Recovered	2.06300	1.67400	1.67400	
(Over) Under recovery per dk	(\$0.34478)	\$0.30549	\$0.04422	
dk billed	2,860	15,812	7,674	26,346
(Over) Under recovery	(\$986)	\$4,830	\$339	\$4,183
<u>July 2020</u>				
Cost of Gas - Actual	\$1.66251	\$1.71822	\$1.66251	
Cost of Gas - Recovered	2.06300	2.06300	2.06300	
(Over) Under recovery per dk	(\$0.40049)	(\$0.34478)	(\$0.40049)	
dk billed	0 4/	9,624	15,340	24,964
(Over) Under recovery	\$0	(\$3,318)	(\$6,144)	(\$9,462)

1/ Consumed in current month.

2/ Consumed in prior month.

3/ True-up of prior month volumes.

4/ No change in the PGA. Current month volumes are included in the true-up.

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

	<u>1/</u>	<u>2/</u>	<u>Total</u>
<u>August 2019</u>			
Cost of Gas - Actual	\$1.48775	\$2.41498	
Cost of Gas - Recovered	2.46000	2.46000	
(Over) Under recovery per dk	(\$0.97225)	(\$0.04502)	
dk billed	6,706	(3,454)	3,252
(Over) Under recovery	<u>(\$6,520)</u>	<u>\$155</u>	(\$6,365)
<u>September 2019</u>			
Cost of Gas - Actual	\$2.41498	\$2.28800	
Cost of Gas - Recovered	2.46000	2.46000	
(Over) Under recovery per dk	(\$0.04502)	(\$0.17200)	
dk billed	6,617	(2,700)	3,917
(Over) Under recovery	<u>(\$298)</u>	<u>\$465</u>	\$167
<u>October 2019</u>			
Cost of Gas - Actual	\$2.28800	\$2.23592	
Cost of Gas - Recovered	2.46000	2.46000	
(Over) Under recovery per dk	(\$0.17200)	(\$0.22408)	
dk billed	16,282	(7,380)	8,902
(Over) Under recovery	<u>(\$2,801)</u>	<u>\$1,653</u>	(\$1,148)
<u>November 2019</u>			
Cost of Gas - Actual	\$2.23592	\$2.39770	
Cost of Gas - Recovered	2.30000	2.30000	
(Over) Under recovery per dk	(\$0.06408)	\$0.09770	
dk billed	36,524	(3,182)	33,342
(Over) Under recovery	<u>(\$2,340)</u>	<u>(\$311)</u>	(\$2,651)
<u>December 2019</u>			
Cost of Gas - Actual	\$2.39770	\$2.41395	
Cost of Gas - Recovered	2.30000	2.30000	
(Over) Under recovery per dk	\$0.09770	\$0.11395	
dk billed	49,886	(6,186)	43,700
(Over) Under recovery	<u>\$4,874</u>	<u>(\$705)</u>	\$4,169
<u>January 2020</u>			
Cost of Gas - Actual	\$2.41395	\$2.23901	
Cost of Gas - Recovered	2.30000	2.30000	
(Over) Under recovery per dk	\$0.11395	(\$0.06099)	
dk billed	56,769	(1,597)	55,172
(Over) Under recovery	<u>\$6,469</u>	<u>\$97</u>	\$6,566

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

	<u>1/</u>	<u>2/</u>	<u>Total</u>
<u>February 2020</u>			
Cost of Gas - Actual	\$2.23901	\$2.14360	
Cost of Gas - Recovered	2.58800	2.58800	
(Over) Under recovery per dk	(\$0.34899)	(\$0.44440)	
dk billed	63,806	(2,031)	61,775
(Over) Under recovery	<u>(\$22,268)</u>	<u>\$903</u>	(\$21,365)
<u>March 2020</u>			
Cost of Gas - Actual	\$2.14360	\$2.05051	
Cost of Gas - Recovered	2.30800	2.30800	
(Over) Under recovery per dk	(\$0.16440)	(\$0.25749)	
dk billed	51,466	(1,713)	49,753
(Over) Under recovery	<u>(\$8,461)</u>	<u>\$441</u>	(\$8,020)
<u>April 2020</u>			
Cost of Gas - Actual	\$2.05051	\$1.74466	
Cost of Gas - Recovered	2.30800	2.30800	
(Over) Under recovery per dk	(\$0.25749)	(\$0.56334)	
dk billed	43,959	(1,798)	42,161
(Over) Under recovery	<u>(\$11,319)</u>	<u>\$1,013</u>	(\$10,306)
<u>May 2020</u>			
Cost of Gas - Actual	\$1.74466	\$1.96309	
Cost of Gas - Recovered	2.30800	2.30800	
(Over) Under recovery per dk	(\$0.56334)	(\$0.34491)	
dk billed	34,185	(1,986)	32,199
(Over) Under recovery	<u>(\$19,258)</u>	<u>\$685</u>	(\$18,573)
<u>June 2020</u>			
Cost of Gas - Actual	\$1.96309	\$1.65975	
Cost of Gas - Recovered	1.66600	1.66600	
(Over) Under recovery per dk	\$0.29709	(\$0.00625)	
dk billed	16,103	(763)	15,340
(Over) Under recovery	<u>\$4,784</u>	<u>\$5</u>	\$4,789
<u>July 2020</u>			
Cost of Gas - Actual	\$1.65975	(\$0.62935)	
Cost of Gas - Recovered	2.05400	2.05400	
(Over) Under recovery per dk	(\$0.39425)	(\$2.68335)	
dk billed	8,519	(3,639)	4,880
(Over) Under recovery	<u>(\$3,359)</u>	<u>\$9,767</u>	\$6,408

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**

	<u>1/</u>	<u>2/</u>	<u>Total</u>
<u>August 2019</u>			
Cost of Gas - Actual	\$0.00000	\$1.66667	
Cost of Gas - Recovered	<u>2.33100</u>	<u>2.33100</u>	
(Over) Under recovery per dk	(\$2.33100)	(\$0.66433)	
dk billed	<u>0</u>	<u>2</u>	2
(Over) Under recovery	<u>\$0</u>	<u>(\$1)</u>	(\$1)
<u>September 2019</u>			
Cost of Gas - Actual	\$1.66667	\$2.22287	
Cost of Gas - Recovered	<u>2.33100</u>	<u>2.33100</u>	
(Over) Under recovery per dk	(\$0.66433)	(\$0.10813)	
dk billed	<u>1</u>	<u>5,832</u>	5,833
(Over) Under recovery	<u>\$0</u>	<u>(\$631)</u>	(\$631)
<u>October 2019</u>			
Cost of Gas - Actual	\$2.22287	\$2.30014	
Cost of Gas - Recovered	<u>2.33100</u>	<u>2.33100</u>	
(Over) Under recovery per dk	(\$0.10813)	(\$0.03086)	
dk billed	<u>6,008</u>	<u>(1,183)</u>	4,825
(Over) Under recovery	<u>(\$650)</u>	<u>\$37</u>	(\$613)
<u>November 2019</u>			
Cost of Gas - Actual	\$2.30014	\$2.44666	
Cost of Gas - Recovered	<u>2.17800</u>	<u>2.17800</u>	
(Over) Under recovery per dk	\$0.12214	\$0.26866	
dk billed	<u>6,247</u>	<u>(477)</u>	5,770
(Over) Under recovery	<u>\$763</u>	<u>(\$128)</u>	\$635
<u>December 2019</u>			
Cost of Gas - Actual	\$2.44666	\$2.44815	
Cost of Gas - Recovered	<u>2.17800</u>	<u>2.17800</u>	
(Over) Under recovery per dk	\$0.26866	\$0.27015	
dk billed	<u>4,968</u>	<u>3,671</u>	8,639
(Over) Under recovery	<u>\$1,335</u>	<u>\$992</u>	\$2,327
<u>January 2020</u>			
Cost of Gas - Actual	\$2.44815	\$2.33781	
Cost of Gas - Recovered	<u>2.17800</u>	<u>2.17800</u>	
(Over) Under recovery per dk	\$0.27015	\$0.15981	
dk billed	<u>6,481</u>	<u>3,419</u>	9,900
(Over) Under recovery	<u>\$1,751</u>	<u>\$546</u>	\$2,297

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

	<u>1/</u>	<u>2/</u>	<u>Total</u>
<u>February 2020</u>			
Cost of Gas - Actual	\$2.33781	\$2.23099	
Cost of Gas - Recovered	2.45600	2.45600	
(Over) Under recovery per dk	(\$0.11819)	(\$0.22501)	
dk billed	5,707	31,129	36,836
(Over) Under recovery	<u>(\$675)</u>	<u>(\$7,004)</u>	(\$7,679)
<u>March 2020</u>			
Cost of Gas - Actual	\$2.23099	\$2.10333	
Cost of Gas - Recovered	2.17800	2.17800	
(Over) Under recovery per dk	\$0.05299	(\$0.07467)	
dk billed	20,786	3,240	24,026
(Over) Under recovery	<u>\$1,102</u>	<u>(\$242)</u>	\$860
<u>April 2020</u>			
Cost of Gas - Actual	\$2.10333	\$1.96141	
Cost of Gas - Recovered	2.17800	2.17800	
(Over) Under recovery per dk	(\$0.07467)	(\$0.21659)	
dk billed	10,341	8,937	19,278
(Over) Under recovery	<u>(\$772)</u>	<u>(\$1,936)</u>	(\$2,708)
<u>May 2020</u>			
Cost of Gas - Actual	\$1.96141	\$1.82112	
Cost of Gas - Recovered	2.17800	2.17800	
(Over) Under recovery per dk	(\$0.21659)	(\$0.35688)	
dk billed	5,639	10,131	15,770
(Over) Under recovery	<u>(\$1,221)</u>	<u>(\$3,616)</u>	(\$4,837)
<u>June 2020</u>			
Cost of Gas - Actual	\$1.82112	\$1.93888	
Cost of Gas - Recovered	1.54000	1.54000	
(Over) Under recovery per dk	\$0.28112	\$0.39888	
dk billed	2,723	10,013	12,736
(Over) Under recovery	<u>\$765</u>	<u>\$3,994</u>	\$4,759
<u>July 2020</u>			
Cost of Gas - Actual	\$1.93888	\$1.65661	
Cost of Gas - Recovered	1.92700	1.92700	
(Over) Under recovery per dk	\$0.01188	(\$0.27039)	
dk billed	2,708	9,408	12,116
(Over) Under recovery	<u>\$32</u>	<u>(\$2,544)</u>	(\$2,512)

1/ Consumed in prior month.

2/ True-up of prior month volumes.

MONTANA-DAKOTA UTILITIES CO.
COST OF GAS - PROPANE
NORTH DAKOTA
EFFECTIVE OCTOBER 2020

Cost of Purchased Propane	\$12,636
Gallons Purchased	18,579
Projected dk Sales	1,700
Propane Cost per Dk	\$7.433
Average Cost of Propane as Adjusted for Losses @ 99.55%	7.467
Less: Propane Cost Level in Rates 1/	<u>4.557</u>
Current Propane Cost Adjustment	<u><u>\$2.910</u></u>

1/ Propane Cost Level in Current Rates - Case No. PU-20-008, effective September 1, 2020.

MONTANA-DAKOTA UTILITIES CO.
COST OF GAS - PROPANE TARIFF SHEET
NORTH DAKOTA PROPANE
EFFECTIVE OCTOBER 2020

Cost of Gas - Propane

Current Propane Cost (Exhibit 7, Page 1)	\$7.467
Prior Filed Propane Cost	<u>4.557</u>
Current Propane Cost Adjustment	<u><u>\$2.910</u></u>

Surcharge Adjustment

Current Adjustment (Exhibit 8, Page 1)	(\$1.084)
Prior Filed Adjustment	<u>(1.084)</u>
Change in Surcharge Adjustment	\$0.000

Grain Drying Margin Sharing

Current Adjustment	(\$0.031)
Prior Adjustment	<u>(0.016)</u>
Change in Grain Drying Margin Sharing	(\$0.015)

Total Cost of Gas Items \$6.352

Net Increase (Decrease) in Gas Costs \$2.895

**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 29, 2020									<u><u>(\$49,936)</u></u>
March 2020	(\$10,029)	\$0	(\$44)	(\$10,073)	5,863	(\$0.510)	(\$2,990)	(\$7,083)	(57,019)
April	428	0	(7)	421	4,341	(0.510)	(2,215)	2,636	(54,383)
May	2,530	0	(6)	2,524	2,095	(1.084)	(1,926) 2/	4,450	(49,933)
June	(3,198)	0	(7)	(3,205)	1,156	(1.084)	(1,254)	(1,951)	(51,884)
July	56	0	(6)	50	841	(1.084)	(912)	962	(50,922)
Balance @ July 31, 2020									<u><u>(\$50,922)</u></u>

1/ Interest calculated at Three Month Treasury Bill rate.

2/ Reflects 600.4 Dk @ (\$0.510) and 1,494.1 Dk @ (\$1.084).

**MONTANA-DAKOTA UTILITIES CO.
NORTH DAKOTA GAS - PROPANE
GRAIN DRYING MARGIN SHARING PROVISION
EFFECTIVE OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021**

Rate 71 Grain Drying Credit - Balance @ 7/31/19			(\$274,067)
Additional Credits 1/			(513,351)
Less: Reduction to Credit Balance			<u>(269,107)</u>
Balance @ 7/31/20			<u><u>(\$518,311)</u></u>
Less: Projected recovery from current amortization			
	<u>Dk</u>	<u>Rate</u>	<u>Amount</u>
August	254,000	(\$0.016)	(\$4,064)
September	<u>388,000</u>	(0.016)	<u>(6,208)</u>
	642,000		(\$10,272)
Balance @ 9/30/20			<u><u>(\$508,039)</u></u>
Projected Residential & General Service Sales Volumes			16,255,000
Grain Drying Margin Sharing Credit			<u><u>(\$0.031)</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, 2020 THROUGH SEPTEMBER 30, 2021**

<u>Additional Credits</u>	<u>Grain Drying Sales</u>	<u>Distribution Charge</u>	<u>Distribution Delivery Revenue</u>	<u>Basic Service Charge</u>
August 2019	873.0	\$1.063	\$928	\$7,030
September	5,895.0	1.063	6,266	7,030
October	16,864.2	1.063	17,927	7,442
November	61,338.9	1.063	65,203	7,784
December	160,869.4	1.063	171,004	8,208
January 2020	56,577.1	1.063	60,141	7,948
February	24,298.9	1.063	25,830	8,030
March	47,562.9	1.063	50,559	8,069
April	49,339.8	1.063	52,448	7,980
May	15,714.4	1.063	16,704	7,790
June	6,194.2	1.063	6,584	8,360
July	3,136.9	1.063	3,335	7,790
Total	<u>448,664.7</u>		<u>\$476,929</u>	<u>\$93,461</u>

<u>Additional Credits</u>	<u>Total Margin</u>	<u>Grain Drying Margin Sharing Credit @ 90%</u>
August 2019	\$7,958	(\$7,162)
September	13,296	(11,966)
October	25,369	(22,832)
November	72,987	(65,688)
December	179,212	(161,291)
January 2020	68,089	(61,280)
February	33,860	(30,474)
March	58,628	(52,765)
April	60,428	(54,385)
May	24,494	(22,045)
June	14,944	(13,450)
July	11,125	(10,013)
Total	<u>\$570,390</u>	<u>(\$513,351)</u>