

BEFORE THE PUBLIC SERVICE COMMISSION

OF THE STATE OF NORTH DAKOTA

In the Matter of the Application of )  
MONTANA-DAKOTA UTILITIES CO. for )  
Authority to Establish Increased Rates ) Case No. PU-22-\_\_\_\_  
for Electric Service )

\* \* \* \* \*

APPLICATION AND NOTICE FOR  
INTERIM INCREASE IN ELECTRIC RATES

COMES NOW, Montana-Dakota Utilities Co., the Applicant in the above-entitled proceeding (hereafter "Montana-Dakota", "Applicant" or "Company") and respectfully moves that the North Dakota Public Service Commission (Commission) authorize, on an interim basis, rate relief of \$11,422,209 to be effective within 60 days.

I.

Montana-Dakota is entitled to interim rate relief as more fully set forth in the Application and Notice, Testimony and Exhibits, and supporting Statements filed in this Case.

II.

The following rate schedules set forth in Appendix A hereto are proposed on an interim basis to be effective within 60 days:

III.

<b>NDPSC Volume No. 4</b>	<b>Description</b>
10 <sup>th</sup> Revised Sheet No. 3	Residential Electric Service Rate 10
2 <sup>nd</sup> Revised Sheet No. 3.1	"
4 <sup>th</sup> Revised Sheet No. 4	Optional Residential Electric Thermal Energy Storage Service Rate 13
12 <sup>th</sup> Revised Sheet No. 7	Optional Time-of-Day Residential Electric Service Rate 16
10 <sup>th</sup> Revised Sheet No. 10	Small General Electric Service Rate 20
6 <sup>th</sup> Revised Sheet No. 14	Irrigation Power Service Rate 25
8 <sup>th</sup> Revised Sheet No. 14.1	"
12 <sup>th</sup> Revised Sheet No. 15	Optional Time-of-Day Small General Electric Service Rate 26
6 <sup>th</sup> Revised Sheet No. 18	General Electric Service Rate 30
8 <sup>th</sup> Revised Sheet No. 18.1	"
2 <sup>nd</sup> Revised Sheet No. 18.2	"
8 <sup>th</sup> Revised Sheet No. 19	Optional Time-of-Day General Electric Service Rate 31
12 <sup>th</sup> Revised Sheet No. 19.1	"
5 <sup>th</sup> Revised Sheet No. 19.2	"
7 <sup>th</sup> Revised Sheet No. 20	General Electric Space Heating Service Rate 32
10 <sup>th</sup> Revised Sheet No. 20.1	"
3 <sup>rd</sup> Revised Sheet No. 20.2	"
4 <sup>th</sup> Revised Sheet No. 22	Firm Service Economic Development Rate 34
6 <sup>th</sup> Revised Sheet No. 23	Interruptible Large Power Demand Response Rate 38
6 <sup>th</sup> Revised Sheet No. 25	Small Municipal Electric Service Rate 40 (Closed)
9 <sup>th</sup> Revised Sheet No. 25.1	"
9 <sup>th</sup> Revised Sheet No. 26	Municipal Lighting Service Rate 41
5 <sup>th</sup> Revised Sheet No. 26.1	"
6 <sup>th</sup> Revised Sheet No. 32	Municipal Pumping Service Rate 48
9 <sup>th</sup> Revised Sheet No. 32.1	"
3 <sup>rd</sup> Revised Sheet No. 32.2	"
10 <sup>th</sup> Revised Sheet No. 36	Outdoor Lighting Service Rate 52
4 <sup>th</sup> Revised Sheet No. 36.1	"
2 <sup>nd</sup> Revised Sheet No. 36.2	"
23 <sup>rd</sup> Revised Sheet No. 44	Occasional Power Purchase Rate 95
23 <sup>rd</sup> Revised Sheet No. 45	Non-Time Differentiated Parallel Generation Peaking Facility Purchased Rate 96 Time Differentiated

The requested interim relief as shown in Appendix B is computed pursuant to the requirements of the North Dakota Century Code, Sections 49-05-04 through 49-05-06 and is in full compliance therewith.

#### IV.

The requested interim rate increase of \$11,422,209 is calculated based upon the adjustments and methodologies contained in the Company's last North Dakota electric rate case Order (Case No. PU-16-666 and updated for the Tax Cuts and Jobs Act of 2017 in Case No. PU-18-089).

#### V.

The tariff sheets provided in Appendix A designate that the amounts billed for the Basic Service Charge, Demand Charge, and Energy Charge under all rate schedules are subject to an interim increase of 9.317% percent. This represents the percentage increase in revenue to be collected on an interim basis. The Cost of Fuel and Purchased Power and the Company's four rate riders (Transmission Cost Adjustment, Environmental Cost Recovery Rider, Renewable Resource Cost Adjustment and Generation Resource Recovery Rider) will not be subject to the interim increase. The amount billed will be shown as a separate line item on a customer's bill.

Applicant respectfully requests that the North Dakota Public Service Commission grant interim rate relief in the amount of \$11,422,209, by authorizing the schedule of charges attached hereto as Appendix A, to become effective within 60 days.

Dated this 16<sup>th</sup> day of May 2022.

MONTANA-DAKOTA UTILITIES CO.

By: Garret Senger

Garret Senger  
Executive Vice President - Regulatory  
Affairs, Customer Service & Administration  
Montana-Dakota Utilities Co.  
400 North Fourth Street  
Bismarck, North Dakota 58501

Montana-Dakota Utilities Co.  
North Dakota Electric Tariffs – Interim



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
10<sup>th</sup> Revised Sheet No. 3  
Canceling 9<sup>th</sup> Revised Sheet No. 3

### RESIDENTIAL ELECTRIC SERVICE Rate 10

Page 1 of 2

#### Availability:

In all communities served for single-phase residential electric service for domestic purposes only.

#### Rate:

Basic Service Charge: \$0.46 per day

#### Energy Charge:

October – May:

First 750 Kwh per month 5.678¢ per Kwh

Over 750 Kwh per month 2.678¢ per Kwh

June – September: 5.678¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

**Date Filed:** May 16, 2022

**Effective Date:**

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

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



# Montana-Dakota Utilities Co.

*A Division of MDU Resources Group, Inc.*

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

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NDPSC Volume 4

2<sup>nd</sup> Revised Sheet No. 3.1

Canceling 1<sup>st</sup> Revised Sheet No. 3.1

### RESIDENTIAL ELECTRIC SERVICE Rate 10

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Page 2 of 2

#### **General Terms and Conditions:**

The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

4<sup>th</sup> Revised Sheet No. 4

Canceling 3<sup>rd</sup> Revised Sheet No. 4

### OPTIONAL RESIDENTIAL ELECTRIC THERMAL ENERGY STORAGE SERVICE Rate 13

Page 1 of 2

#### Availability:

In all communities served for single-phase residential electric for customers operating Company approved thermal energy storage facilities for the purpose of utilizing off-peak electric energy for space conditioning purposes where electric space heating is the primary heating source. Service under this rate is not available when another energy source provided by the Company is utilized as a back-up heating source.

#### Rate:

Basic Service Charge: \$0.75 per day

#### Off-Peak Energy Charge:

For all energy used during the designated hours of 10:00 p.m. to 8:00 a.m. local time.

October – May: 1.100¢ per Kwh

#### On-Peak Energy Charge:

For all energy not covered by the Off-Peak rating period.

October – May:

First 750 Kwh per month 5.846¢ per Kwh

Over 750 Kwh per month 2.846¢ per Kwh

June – September: 5.846¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

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400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
12<sup>th</sup> Revised Sheet No. 7  
Canceling 11<sup>th</sup> Revised Sheet No. 7

### OPTIONAL TIME-OF-DAY RESIDENTIAL ELECTRIC SERVICE Rate 16

Page 1 of 2

#### Availability:

In all communities served for single-phase residential electric service. The customer's wiring must be so arranged that all service can be measured through one meter.

#### Rate:

Basic Service Charge: \$0.75 per day

#### On-Peak Energy:

For all Kwh's used during peak hours designated as 12 p.m. to 8 p.m. local time, Monday through Friday.

October – May 5.718¢ per Kwh

June – September 7.218¢ per Kwh

#### Off-Peak Energy:

For all energy not covered by the On-Peak rating period.

October – May 2.718¢ per Kwh

June – September 4.218¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

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400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
10<sup>th</sup> Revised Sheet No. 10  
Canceling 9<sup>th</sup> Revised Sheet No. 10

### SMALL GENERAL ELECTRIC SERVICE Rate 20

Page 1 of 2

#### Availability:

In all communities served for all types of general electric service with billing demands that do not warrant the installation of a demand meter except outside lighting, standby, resale or other customers covered by special contracts or rate schedules applicable to specific services. The customer's wiring must be so arranged so that all service can be measured through one meter. If the customer does not connect his wiring into a single system, each meter shall constitute a separate billing unit.

#### Rate:

Basic Service Charge: \$0.84 per day

#### Energy Charge:

October – May:

First 750 Kwh per month 5.997¢ per Kwh

Over 750 Kwh per month 2.997¢ per Kwh

June – September: 5.997¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
6<sup>th</sup> Revised Sheet No. 14  
Canceling 5<sup>th</sup> Revised Sheet No. 14

### IRRIGATION POWER SERVICE Rate 25

Page 1 of 2

#### Availability:

For irrigation power service.

#### Rate:

Basic Service Charge: \$1.50 per day

Demand Charge:

October – May \$1.25 per Kw

June – September \$4.25 per Kw

Energy Charge: 0.186¢ per Kwh

Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge  
and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill.  
Past due bills are subject to a late payment charge in accordance with the  
provisions of Rate 100 or any amendments or alterations thereto.

#### Power Factor Clause:

The Company reserves the right to require the customer to install adequate  
equipment so that at all times it can operate its facilities to maintain a power  
factor between 90% lagging and 90% leading. If the customer operates outside  
this range, the maximum 15 minute integrated reactive kilovolt amperes in  
excess of 50% of the maximum 15 minute integrated kilowatt demand for the  
same month will be billed at \$3.35 per Kvar of such excess demand.

#### Determination of Billing Demand:

The demand in kilowatts for billing purposes shall be the maximum 15 minute  
measured demand in the current month. Demands will be determined to the  
nearest one-tenth kilowatt. Customers whose loads have rapidly fluctuating

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400 N 4<sup>th</sup> Street  
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## State of North Dakota Electric Rate Schedule

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NDPSC Volume 4

8<sup>th</sup> Revised Sheet No. 14.1

Canceling 7<sup>th</sup> Revised Sheet No. 14.1

### IRRIGATION POWER SERVICE Rate 25

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Page 2 of 2

and/or intermittent demand characteristics shall be subject to special rules and regulations.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

#### General Terms and Conditions:

The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
12<sup>th</sup> Revised Sheet No. 15  
Canceling 11<sup>th</sup> Revised Sheet No. 15

### OPTIONAL TIME-OF-DAY SMALL GENERAL ELECTRIC SERVICE Rate 26

Page 1 of 2

#### Availability:

In all communities served for all types of general electric service with billing demands that do not warrant the installation of a demand meter except outside lighting, standby, resale, or other customers covered by special contracts or rate schedules applicable to specific services. The customer's wiring must be arranged so that all service can be measured through one meter.

#### Rate:

Basic Service Charge: \$1.00 per day

#### On-Peak Energy:

For all Kwh's used during peak hours designated as 12 p.m. to 8 p.m. local time, Monday through Friday.

October – May 4.566¢ per Kwh  
June – September 6.066¢ per Kwh

#### Off-Peak Energy:

For all energy not covered by the On-Peak rating period.

October – May 2.066¢ per Kwh  
June – September 3.566¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

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400 N 4<sup>th</sup> Street  
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## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
6<sup>th</sup> Revised Sheet No. 18  
Canceling 5<sup>th</sup> Revised Sheet No. 18

### GENERAL ELECTRIC SERVICE Rate 30

Page 1 of 3

#### Availability:

In all communities served for all types of demand metered general electric service except outside lighting, standby, resale or other customers covered by special contracts or rate schedules applicable to specific services. The customer's wiring must be arranged so that all service can be measured through one meter. If the customer does not connect his wiring into a single system, each meter shall constitute a separate billing unit.

#### Rate:

##### Primary Service:

Basic Service Charge: \$100.00 per month

##### Demand Charge:

October – May \$11.00 per Kw

June – September \$14.00 per Kw

Energy Charge: 1.414¢ per Kwh

##### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

##### Secondary Service:

Basic Service Charge: \$56.00 per month

##### Demand Charge:

October – May \$ 9.50 per Kw

June – September \$12.50 per Kw

Energy Charge: 2.331¢ per Kwh

##### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

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Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

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NDPSC Volume 4

8<sup>th</sup> Revised Sheet No. 18.1

Canceling 7<sup>th</sup> Revised Sheet No. 18.1

### GENERAL ELECTRIC SERVICE Rate 30

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Page 2 of 3

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Determination of Billing Demand:

The demand in kilowatts for billing purposes shall be the maximum 15 minute measured demand in the current month. Demands will be determined to the nearest one-tenth kilowatt. Customers whose loads have rapidly fluctuating and/or intermittent demand characteristics shall be subject to special rules and regulations.

#### Power Factor Clause:

The Company reserves the right to require the customer to install adequate equipment so that at all times it can operate its facilities to maintain a power factor between 90% lagging and 90% leading. If the customer operates outside this range, the maximum 15 minute integrated reactive kilovolt amperes in excess of 50% of the maximum 15 minute integrated kilowatt demand for the same month will be billed at \$3.35 per Kvar of such excess demand.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

#### General Terms and Conditions:

1. Customers or their architects, contractors and electricians should consult with the Company before proceeding to design or erect installations in which there will be a substantial electric load, to make sure their equipment will meet requirements and receive adequate service.

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



# Montana-Dakota Utilities Co.

*A Division of MDU Resources Group, Inc.*

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

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NDPSC Volume 4

2<sup>nd</sup> Revised Sheet No. 18.2

Canceling 1<sup>st</sup> Revised Sheet No. 18.2

### **GENERAL ELECTRIC SERVICE Rate 30**

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Page 3 of 3

2. Primary service rate is applicable to customers that own their own transformers, related equipment and distribution facilities downstream of the meter, satisfactory to the Company so customer can receive service and be metered at primary voltages of 2,400 volts or greater.
3. The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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# Montana-Dakota Utilities Co.

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400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
8<sup>th</sup> Revised Sheet No. 19  
Canceling 7<sup>th</sup> Revised Sheet No. 19

### OPTIONAL TIME-OF-DAY GENERAL ELECTRIC SERVICE Rate 31

Page 1 of 3

#### Availability:

In all communities served for all types of demand metered general electric service except outside lighting, standby, resale, or other customers covered by special contracts or rate schedules applicable to specific services. The customer's wiring must be arranged so that all service can be measured through one meter.

#### Rate:

##### Primary Service:

Basic Service Charge: \$97.00 per month

##### On-Peak Demand:

October - May \$12.25 per Kw

June - September \$15.25 per Kw

##### On-Peak Energy:

For all Kwh's used during peak hours designated as 12 p.m. to 8 p.m. local time, Monday through Friday. 1.607¢ per Kwh

##### Off-Peak Energy:

For all energy not covered by the On-Peak rating period. 1.357¢ per Kwh

##### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

##### Secondary Service:

Basic Service Charge: \$72.00 per month

##### On-Peak Demand:

October – May \$10.75 per Kw

June – September \$14.75 per Kw

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Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

12<sup>th</sup> Revised Sheet No. 19.1

Canceling 11<sup>th</sup> Revised Sheet No. 19.1

### OPTIONAL TIME-OF-DAY GENERAL ELECTRIC SERVICE Rate 31

Page 2 of 3

#### On-Peak Energy:

For all Kwh's used during peak  
hours designated as 12 p.m.  
to 8 p.m. local time, Monday  
through Friday. 2.512¢ per Kwh

#### Off-Peak Energy:

For all energy not covered by  
the On-Peak rating period. 2.262¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy  
Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill.  
Past due bills are subject to a late payment charge in accordance with the  
provisions of Rate 100 or any amendments or alterations thereto.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations  
thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

#### Determination of On-Peak Billing Demand:

The demand in kilowatts for billing purposes shall be the maximum 15 minute  
measured demand for the on-peak period in the current month defined as 12:00  
p.m. to 8:00 p.m. local time, Monday through Friday. Demands will be

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## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

5<sup>th</sup> Revised Sheet No. 19.2

Canceling 4<sup>th</sup> Revised Sheet No. 19.2

### OPTIONAL TIME-OF-DAY GENERAL ELECTRIC SERVICE Rate 31

Page 3 of 3

determined to the nearest one-tenth kilowatt. Customers whose loads have rapidly fluctuating and/or intermittent demand characteristics shall be subject to special rules and regulations.

#### Power Factor Clause:

The Company reserves the right to require the customer to install adequate equipment so that at all times it can operate its facilities to maintain a power factor between 90% lagging and 90% leading. If the customer operates outside this range, the maximum 15 minute integrated reactive kilovolt amperes in excess of 50% of the maximum 15 minute integrated kilowatt demand for the same month will be billed at \$3.35 per Kvar of such excess demand.

#### Contract Terms:

Customer agrees to contract for service under the Optional Time-of-Day General Electric Service rate for a minimum period of one year. At the end of a one-year period, customer shall have the option of remaining under the Optional Time-of-Day General Electric Service rate or returning to the regular General Electric Service rate.

#### General Terms and Conditions:

1. Customers and their architects, contractors and electricians should consult with the Company before proceeding to design or erect installations in which there will be a substantial electric load, to make sure their equipment will meet requirements and receive adequate service.
2. Primary service rate is applicable to customers that own their own transformers, related equipment and distribution facilities downstream of the meter, satisfactory to the Company so customer can receive service and be metered at primary voltages of 2,400 volts or greater.
3. The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
7<sup>th</sup> Revised Sheet No. 20  
Canceling 6<sup>th</sup> Revised Sheet No. 20

### GENERAL ELECTRIC SPACE HEATING SERVICE Rate 32

Page 1 of 3

#### Availability:

In all communities served for space heating service, where the customer also takes service under another general service rate schedule offered by the Company. Space heating equipment, including combination space heating and cooling equipment such as heat pumps and packaged roof-top heating/cooling units where heating use is the principal load may be served under this rate schedule.

#### Rate:

Basic Service Charge: \$21.00 per month

#### Primary Service:

##### Demand Charge:

October – May \$ 1.00 per Kw

June – September \$14.00 per Kw

Energy Charge: 1.422¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Secondary Service:

##### Demand Charge:

October – May \$ 1.00 per Kw

June – September \$12.50 per Kw

Energy Charge: 2.422¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

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## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

10<sup>th</sup> Revised Sheet No. 20.1

Canceling 9<sup>th</sup> Revised Sheet No. 20.1

### GENERAL ELECTRIC SPACE HEATING SERVICE Rate 32

Page 2 of 3

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Determination of Billing Demand:

The demand in kilowatts for billing purposes shall be the maximum 15 minute measured demand in the current month. Demands will be determined to the nearest one-tenth kilowatt. Customers whose loads have rapidly fluctuating and/or intermittent demand characteristics shall be subject to special rules and regulations.

#### Power Factor Clause:

The Company reserves the right to require the customer to install adequate equipment so that at all times it can operate its facilities to maintain a power factor between 90% lagging and 90% leading. If the customer operates outside this range, the maximum 15 minute integrated reactive kilovolt amperes in excess of 50% of the maximum 15 minute integrated kilowatt demand for the same month will be billed at \$3.35 per Kvar of such excess demand.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

#### General Terms and Conditions:

1. Customers or their architects, contractors and electricians should consult with the Company before proceeding to design or erect installations in which there will be a substantial electric load, to make sure their equipment will meet requirements and receive adequate service.

**Date Filed:** May 16, 2022

**Effective Date:**

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

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



# Montana-Dakota Utilities Co.

*A Division of MDU Resources Group, Inc.*

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

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NDPSC Volume 4

3<sup>rd</sup> Revised Sheet No. 20.2

Canceling 2<sup>nd</sup> Revised Sheet No. 20.2

### **GENERAL ELECTRIC SPACE HEATING SERVICE Rate 32**

Page 3 of 3

2. Primary service rate is applicable to customers that own their own transformers, related equipment and distribution facilities downstream of the meter, satisfactory to the Company so customer can receive service and be metered at primary voltages of 2,400 volts or greater.
3. The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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**Date Filed:** May 16, 2022

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

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



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

4<sup>th</sup> Revised Sheet No. 22

Canceling 3<sup>rd</sup> Revised Sheet No. 22

### FIRM SERVICE ECONOMIC DEVELOPMENT Rate 34

Page 1 of 3

#### Availability:

In all communities served for all types of general electric service which meets one of the following qualifications:

1. New Customers - An applicant with total expected demand of 200 Kw per month and usage of 750,000 Kwh per year is eligible for service under this rate if it can meet any one of the following requirements: (i) its activities are largely or entirely different than that of the previous customer; (ii) that non-seasonal business has not been conducted at the premise for at least three billing periods prior to the application; (iii) that seasonal business has not been conducted at the premise for at least thirteen billing periods prior to the application; or (iv) the facility is newly constructed.
2. Existing Customers and Existing In-state Customers of Competing Suppliers - An existing customer, or an existing in-state customer of a competing supplier with increased demand of 200 Kw per month and increased usage of 750,000 Kwh per year is eligible for service under this rate. Only the expanded portion of the facility will be eligible for the negotiated rate. In addition, the new load must be supplied from a separately metered circuit with separate metering equipment to be installed at the customer's expense. Average usage at the original facility must be at least as great as that which occurred in the previous 12 month period.

#### Rate:

Basic Service Charge: \$100.00 per month

Demand Charge: To Be Negotiated

Energy Charge: Otherwise applicable energy charge for General Service Rate 30.

Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

Contracts shall be filed with and approved by the North Dakota Public Service Commission.

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Director - Regulatory Affairs

Case No.: PU-22-



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

6<sup>th</sup> Revised Sheet No. 23

Canceling 5<sup>th</sup> Revised Sheet No. 23

### INTERRUPTIBLE LARGE POWER DEMAND RESPONSE

#### Rate 38

Page 1 of 4

#### Availability:

In all communities served for power to customers having a demand of 500 Kw or more for its interruptible load available for interruption for up to 100 hours annually. Electric energy for the interruptible load shall be supplied through a separately metered circuit at the same voltage and phase utilized to serve the balance of the customer's electrical load so arranged to allow remote operation by the Company.

#### Type of Service:

Service under this rate shall be taken by the customer at whatever primary voltage is available at the point of delivery but not less than 2,400 volts. In the event that it is necessary to build a substation on the Company's transmission line to serve the customer, the cost of building the substation shall be a matter of negotiation between the Company and the customer.

#### Rate:

Basic Service Charge: Specified in the electric service agreement with the Company.

#### Demand Charge:

October – May \$ 8.00 per Kw

June – September \$11.00 per Kw

Energy Charge: 1.252¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge plus the Demand Charge (500 Kw minimum).

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

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Director - Regulatory Affairs

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



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
6<sup>th</sup> Revised Sheet No. 25  
Canceling 5<sup>th</sup> Revised Sheet No. 25

### SMALL MUNICIPAL ELECTRIC SERVICE Rate 40 (CLOSED)

Page 1 of 3

#### Availability:

For all lighting and power requirements with billing demands of 50 kilowatts or less for public buildings or locations supported by public tax levies, and for which the city is liable for payment, in all municipalities served where the Company is operating under a municipal franchise or permit, and the municipality has a standard contract for operation of a street lighting system and/or a municipal pumping system with the Company.

This rate is restricted to small municipal electric service customers who were served under this rate prior to January 27, 1987. Any new small municipal general electric service customer may take service under another applicable rate.

#### Rate:

##### Non-Demand:

Basic Service Charge: \$0.84 per day

##### Energy Charge:

October – May:

First 750 Kwh per month 3.402¢ per Kwh

Over 750 Kwh per month 2.302¢ per Kwh

June – September: 3.402¢ per Kwh

##### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

##### Demand:

Basic Service Charge: \$1.00 per day

##### Demand Charge:

October – May:

10 Kw or less No Charge

Over 10 Kw \$ 8.25 per Kw

June – September: \$11.25 per Kw

**Date Filed:** May 16, 2022

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

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



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

9<sup>th</sup> Revised Sheet No. 25.1

Canceling 8<sup>th</sup> Revised Sheet No. 25.1

### SMALL MUNICIPAL ELECTRIC SERVICE Rate 40 (CLOSED)

Page 2 of 3

Energy Charge: 1.302¢ per Kwh

Interim Rate Increase:  
9.317% of amount billed under Basic Service Charge, Energy Charge  
and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill.  
Past due bills are subject to a late payment charge in accordance with the  
provisions of Rate 100 or any amendments or alterations thereto.

#### Determination of Billing Demand:

The demand in kilowatts for billing purposes shall be the maximum 15 minute  
measured demand in the current month. Demands will be determined to the  
nearest one-tenth kilowatt. Customers whose loads have rapidly fluctuating  
and/or intermittent demand characteristics shall be subject to special rules and  
regulations.

#### Power Factor Clause:

The Company reserves the right to require the customer to install adequate  
equipment so that at all times it can operate its facilities to maintain a power  
factor between 90% lagging and 90% leading. If the customer operates outside  
this range, the maximum 15 minute integrated reactive kilovolt amperes in  
excess of 50% of the maximum 15 minute integrated kilowatt demand for the  
same month will be billed at \$3.35 per Kvar of such excess demand.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations  
thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

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



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
9<sup>th</sup> Revised Sheet No. 26  
Canceling 8<sup>th</sup> Revised Sheet No. 26

### MUNICIPAL LIGHTING SERVICE Rate 41

Page 1 of 2

#### Availability:

For municipal lighting purposes including streets, alleys and other public grounds. Service will be provided all night, every night in the year with a minimum service requirement of 4,000 hours annually and must be covered by written contract.

#### Rate:

##### Primary Service:

Energy Charge: 5.096¢ per Kwh

##### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

##### Secondary Service:

Energy Charge: 5.596¢ per Kwh

##### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

Discount: For contracts of ten years or more 10%

Kwh shall be computed according to the total rated capacity of lamps in use.

#### Minimum Bill:

As provided in contract.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

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Director - Regulatory Affairs

**Case No.:** PU-22



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

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NDPSC Volume 4

5<sup>th</sup> Revised Sheet No. 26.1

Canceling 4<sup>th</sup> Revised Sheet No. 26.1

### MUNICIPAL LIGHTING SERVICE Rate 41

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Page 2 of 2

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

#### General Terms and Conditions:

1. The Company will maintain the facilities and change the light bulbs when notified by the municipality that they are burned out except when the facilities are damaged or destroyed by vandalism, malicious mischief by third parties, or willful negligence on the part of employees of the municipality. In case of vandalism, malicious mischief, or willful negligence the Company will charge the municipality for the cost of repair and replacement.
2. Primary service rate is applicable to customers that own their own transformers, related equipment and distribution facilities downstream of the meter, satisfactory to the Company so customer can receive service and be metered at primary voltages of 2,400 volts or greater.
3. In municipally-owned street lighting systems, an additional charge will be made to cover lamp replacements, materials and labor whenever such services are supplied by the Company.
4. When service is not metered, the bill shall be computed on an annual basis, utilizing the minimum service requirement of 4,000 hours annually, and one-twelfth shall be payable each month.
5. The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

---

**Date Filed:** May 16, 2022

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



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
6<sup>th</sup> Revised Sheet No. 32  
Canceling 5<sup>th</sup> Revised Sheet No. 32

### MUNICIPAL PUMPING SERVICE Rate 48

Page 1 of 3

#### Availability:

For municipal pumping purposes provided the municipality uses electricity exclusively for all its pumping requirements and purchases all such electricity from the Company. The municipality must sign a contract for a minimum period of one year.

#### Rate:

##### Primary Service:

Basic Service Charge: \$80.00 per month

##### Demand Charge:

Connected loads of 10 Kw or less will be billed based on connected load. Connected loads in excess of 10 Kw will be billed based upon the greater of the highest 15 minute interval demand as registered upon a demand meter in the current month or 10 Kw.

October – May: \$6.00 per Kw

June – September: \$9.00 per Kw

Energy Charge: 1.798¢ per Kwh

##### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

##### Secondary Service:

Basic Service Charge: \$45.00 per month

##### Demand Charge:

Connected loads of 10 Kw or less will be billed based on connected load. Connected loads in excess of 10 Kw will be billed based upon the greater of the highest 15 minute interval demand as registered upon a demand meter in the current month or 10 Kw.

October – May: \$6.00 per Kw

June – September: \$9.00 per Kw

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Effective Date:

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Director - Regulatory Affairs

Case No.: PU-22-



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

9<sup>th</sup> Revised Sheet No. 32.1

Canceling 8<sup>th</sup> Revised Sheet No. 32.1

### MUNICIPAL PUMPING SERVICE Rate 48

Page 2 of 3

Energy Charge: 1.898¢ per Kwh

Interim Rate Increase:  
9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

Discount: For contracts of ten years or more 10%

#### Minimum Bill:

Basic Service Charge plus Demand Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Power Factor Clause:

The Company reserves the right to require the customer to install adequate equipment so that at all times it can operate its facilities to maintain a power factor between 90% lagging and 90% leading. If the customer operates outside this range, the maximum 15 minute integrated reactive kilovolt amperes in excess of 50% of the maximum 15 minute integrated kilowatt demand for the same month will be billed at \$3.35 per Kvar of such excess demand.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

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Director - Regulatory Affairs

Case No.: PU-22-



# Montana-Dakota Utilities Co.

*A Division of MDU Resources Group, Inc.*

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

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NDPSC Volume 4

3<sup>rd</sup> Revised Sheet No. 32.2

Canceling 2<sup>nd</sup> Revised Sheet No. 32.2

### **MUNICIPAL PUMPING SERVICE Rate 48**

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Page 3 of 3

#### **General Terms and Conditions:**

1. Primary service rate is applicable to customers that own their own transformers, related equipment and distribution facilities downstream of the meter, satisfactory to the Company so customer can receive service and be metered at primary voltages of 2,400 volts or greater.
2. The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

---

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



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

10<sup>th</sup> Revised Sheet No. 36

Canceling 9<sup>th</sup> Revised Sheet No. 36

### OUTDOOR LIGHTING SERVICE Rate 52

Page 1 of 3

#### Availability:

For all outdoor lighting including flood lights, billboard lighting, metallic vapor yard lights, and Christmas lights in all communities served. Lighting equipment may be Company-owned or customer-owned.

#### Rate:

Primary Service:

Energy Charge: 6.357¢ per Kwh

Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

Secondary Service:

Energy Charge: 6.763¢ per Kwh

Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

Kwh shall be computed according to the total rated capacity of the units in use.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

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



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

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NDPSC Volume 4

4<sup>th</sup> Revised Sheet No. 36.1

Canceling 3<sup>rd</sup> Revised Sheet No. 36.1

### OUTDOOR LIGHTING SERVICE Rate 52

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Page 2 of 3

#### General Terms and Conditions:

1. Applicable to Company-owned Facilities:
  - a. The Company will install, own and operate the flood light(s), and yard light(s) including a suitable reflector, bracket for mounting and automatic device to control operating hours set to operate from dusk to dawn.
  - b. The light may be mounted on existing poles owned or controlled by the Company. The Company will furnish a 35 foot pole(s) for flood lights and a 30 foot pole(s) for yard light(s) at the customer's request at a separate rental rate if a special setting is required. If the customer chooses, the light may be installed on a pole owned by the customer or other mounting point suitable for installation of the light. The conductors will be extended 100 feet per unit free of charge, but the customer shall pay for the extra cost of extensions of more than 100 feet per unit.
  - c. To the rate stated herein, bulb replacement and ownership costs for the units shall be added. The customer should consult with the Company for such costs.
  - d. The Company will maintain the facilities and change the light bulbs when notified by the customer that they are burned out except when the facilities are damaged or destroyed by vandalism, malicious mischief by third parties, or willful negligence on the part of the customer. In case of vandalism, malicious mischief, or willful negligence, the Company will charge the customer for the cost of repair and replacement.
2. Primary service rate is applicable to customers that own their own transformers, related equipment and distribution facilities downstream of the meter, satisfactory to the Company so customer can receive service and be metered at primary voltages of 2,400 volts or greater.
3. When service is not metered, the bill shall be computed on an annual basis, utilizing the minimum service requirement of 4,000 hours annually, and one-twelfth shall be payable each month.

---

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Director - Regulatory Affairs

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



# Montana-Dakota Utilities Co.

*A Division of MDU Resources Group, Inc.*

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

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NDPSC Volume 4

2<sup>nd</sup> Revised Sheet No. 36.2

Canceling 1<sup>st</sup> Revised Sheet No. 36.2

### **OUTDOOR LIGHTING SERVICE Rate 52**

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Page 3 of 3

Metallic vapor ratings in lumens shall be converted to watts on the basis of the published ratings currently issued by the General Electric Company and the Westinghouse Electric Corporation.

4. The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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Director - Regulatory Affairs

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



# Montana-Dakota Utilities Co.

A Subsidiary of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
23<sup>rd</sup> Revised Sheet No. 44  
Canceling 22<sup>nd</sup> Revised Sheet No. 44

### OCCASIONAL POWER PURCHASE Rate 95 NON-TIME DIFFERENTIATED

Page 1 of 2

#### Availability:

To any qualifying cogeneration and small power production facilities for the purpose of generating occasional electric energy in parallel with the Company's system. This schedule is applicable to cogeneration and small power production facilities with a design capacity of 100 Kw or less, that are Qualifying Facilities (QF) as defined under 18 CFR, Part 292.

#### Rate:

Metering charge for single phase service: \$0.05 per day  
With instrument transformers: \$0.19 per day

Metering charge for three phase service: \$0.12 per day  
With instrument transformers: \$0.33 per day

#### Interim Rate Increase:

9.317% of amount billed under Metering Charge.

Energy delivered to and accepted by Company by a QF shall be paid for by Company in accordance with one of the following two options, elected by the QF:

#### 1. Simultaneous Purchase and Sale:

Energy sales to QF - Service provided to such customers by the Company shall be billed at the appropriate rate, by class of customers (i.e., residential, small and general electric service, etc.) that is currently on file with the Commission.

Energy purchases by Company:

Energy Payment = 2.145¢ per Kwh

#### 2. Net Billing:

Energy generated will be compensated on a net billing basis. The Company will install a meter to measure the energy generated by the QF. The Company will also install a meter to measure the energy consumed by the QF. Metered generation will be subtracted from the metered consumption for the billing period.

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Director of Regulatory Affairs

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



# Montana-Dakota Utilities Co.

A Subsidiary of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
23<sup>rd</sup> Revised Sheet No. 45  
Canceling 22<sup>nd</sup> Revised Sheet No. 45

### PARALLEL GENERATION PEAKING FACILITY PURCHASE Rate 96 TIME DIFFERENTIATED

Page 1 of 3

#### Availability:

To any qualifying cogeneration and small power production facilities for the purpose of generating electric energy in parallel with the Company's system. This schedule is applicable to cogeneration and small power production facilities with a design capacity of 1000 Kw or less, that operate as a peaking facility (defined below), and are Qualifying Facilities (QF) as defined under 18 CFR, Part 292.

#### Rate:

Metering charge for single phase service: \$ 0.16 per day  
With instrument transformers: \$ 0.30 per day

Metering charge for three phase service: \$ 0.18 per day  
With instrument transformers: \$ 0.38 per day

#### Interim Rate Increase:

9.317% of amount billed under Metering Charge.

#### 1. Capacity delivered to the Company:

Monthly capacity payments for a QF (not registered as a MISO generator) shall be assigned by Montana-Dakota based upon the amount of qualifying capacity assigned to an eligible resource under BPM-011 Resource Adequacy of the MISO tariff subject to adjustment annually in accordance with BPM-011.

Monthly capacity payments for a MISO-registered QF shall be based on the capacity credits assigned by MISO on an annual basis.

Monthly capacity payment shall be the MISO capacity auction clearing price for Zone 1. The capacity payment is subject to change annually through the year 2030. Effective in 2031 the monthly capacity payment shall be \$9.655 per Kw applicable for the remainder of the term of the contact.

Capacity payments will be paid in the subsequent billing period.

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Issued By: Travis R. Jacobson  
Director – Regulatory Affairs

Case No.: PU-22-

## Tariffs Reflecting Proposed Changes



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~910~~<sup>910</sup><sup>th</sup> Revised Sheet No. 3

Canceling ~~89~~<sup>89</sup><sup>th</sup> Revised Sheet No. 3

### RESIDENTIAL ELECTRIC SERVICE Rate 10

Page 1 of ~~42~~<sup>42</sup>

#### Availability:

In all communities served for single-phase residential electric service for domestic purposes only.

#### Rate:

Basic Service Charge: \$0.46 per day

#### Energy Charge:

October – May:

First 750 Kwh per month 5.678¢ per Kwh

Over 750 Kwh per month 2.678¢ per Kwh

June – September: 5.678¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

Date Filed: ~~October 8, 2018~~May 16, 2022

Effective Date: ~~Service rendered on and after December 1, 2018~~

Issued By: ~~Tamie A. Aberle~~Travis R. Jacobson  
Director - Regulatory Affairs

Case No.: ~~PU-18-8922-~~



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~9~~10<sup>th</sup> Revised Sheet No. 3

Canceling ~~8~~9<sup>th</sup> Revised Sheet No. 3

### RESIDENTIAL ELECTRIC SERVICE Rate 10

Page 1 of ~~4~~2

#### General Terms and Conditions:

The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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Issued By: ~~Tamie A. Aberle~~ Travis R. Jacobson  
Director - Regulatory Affairs

Case No.: ~~PU-18-8922-~~



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~1<sup>st</sup>~~ 2<sup>nd</sup> Revised Sheet No. 3.1

Canceling ~~Original~~ 1<sup>st</sup> Revised Sheet No. 3.1

### RESIDENTIAL ELECTRIC SERVICE Rate 10

~~Reserved for Future Use~~

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Director - Regulatory Affairs

**Case No.:** ~~PU-16-66622-~~



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~3<sup>rd</sup>~~ 4<sup>th</sup> Revised Sheet No. 4

Canceling ~~2<sup>nd</sup>~~ ~~3<sup>rd</sup>~~ Revised Sheet No. 4

### OPTIONAL RESIDENTIAL ELECTRIC THERMAL ENERGY STORAGE SERVICE Rate 13

Page 1 of 2

#### Availability:

In all communities served for single-phase residential electric for customers operating Company approved thermal energy storage facilities for the purpose of utilizing off-peak electric energy for space conditioning purposes where electric space heating is the primary heating source. Service under this rate is not available when another energy source provided by the Company is utilized as a back-up heating source.

#### Rate:

Basic Service Charge: \$0.75 per day

#### Off-Peak Energy Charge:

For all energy used during the designated hours of 10:00 p.m. to 8:00 a.m. local time.

October – May: 1.100¢ per Kwh

#### On-Peak Energy Charge:

For all energy not covered by the Off-Peak rating period.

October – May:

First 750 Kwh per month 5.846¢ per Kwh

Over 750 Kwh per month 2.846¢ per Kwh

June – September: 5.846¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~411~~<sup>2</sup><sup>th</sup> Revised Sheet No. 7

Canceling ~~401~~<sup>1</sup><sup>th</sup> Revised Sheet No. 7

### OPTIONAL TIME-OF-DAY RESIDENTIAL ELECTRIC SERVICE Rate 16

Page 1 of 2

#### Availability:

In all communities served for single-phase residential electric service. The customer's wiring must be so arranged that all service can be measured through one meter.

#### Rate:

Basic Service Charge: \$0.75 per day

#### On-Peak Energy:

For all Kwh's used during peak hours designated as 12 p.m. to 8 p.m. local time, Monday through Friday.

October – May 5.718¢ per Kwh

June – September 7.218¢ per Kwh

#### Off-Peak Energy:

For all energy not covered by the On-Peak rating period.

October – May 2.718¢ per Kwh

June – September 4.218¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

910<sup>th</sup> Revised Sheet No. 10

Canceling 89<sup>th</sup> Revised Sheet No. 10

### SMALL GENERAL ELECTRIC SERVICE Rate 20

Page 1 of 2

#### Availability:

In all communities served for all types of general electric service with billing demands that do not warrant the installation of a demand meter except outside lighting, standby, resale or other customers covered by special contracts or rate schedules applicable to specific services. The customer's wiring must be so arranged so that all service can be measured through one meter. If the customer does not connect his wiring into a single system, each meter shall constitute a separate billing unit.

#### Rate:

Basic Service Charge: \$0.84 per day

#### Energy Charge:

October – May:

First 750 Kwh per month 5.997¢ per Kwh

Over 750 Kwh per month 2.997¢ per Kwh

June – September: 5.997¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

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NDPSC Volume 4

~~56~~<sup>56</sup><sup>th</sup> Revised Sheet No. 14

Canceling ~~45~~<sup>45</sup><sup>th</sup> Revised Sheet No. 14

### IRRIGATION POWER SERVICE Rate 25

Page 1 of 2

#### Availability:

For irrigation power service.

#### Rate:

Basic Service Charge: \$1.50 per day

Demand Charge:

October – May \$1.25 per Kw

June – September \$4.25 per Kw

Energy Charge: 0.186¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Power Factor Clause:

The Company reserves the right to require the customer to install adequate equipment so that at all times it can operate its facilities to maintain a power factor between 90% lagging and 90% leading. If the customer operates outside this range, the maximum 15 minute integrated reactive kilovolt amperes in excess of 50% of the maximum 15 minute integrated kilowatt demand for the same month will be billed at \$3.35 per Kvar of such excess demand.

#### Determination of Billing Demand:

The demand in kilowatts for billing purposes shall be the maximum 15 minute measured demand in the current month. Demands will be determined to the nearest one-tenth kilowatt. Customers whose loads have rapidly fluctuating

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

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~~56~~<sup>56</sup><sup>th</sup> Revised Sheet No. 14

Canceling ~~45~~<sup>45</sup><sup>th</sup> Revised Sheet No. 14

### IRRIGATION POWER SERVICE Rate 25

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and/or intermittent demand characteristics shall be subject to special rules and regulations.

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
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## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~78~~<sup>78</sup>th Revised Sheet No. 14.1

Canceling ~~67~~<sup>67</sup>th Revised Sheet No. 14.1

### IRRIGATION POWER SERVICE Rate 25

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#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

#### General Terms and Conditions:

The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~4412~~<sup>4412</sup><sup>th</sup> Revised Sheet No. 15

Canceling ~~4011~~<sup>4011</sup><sup>th</sup> Revised Sheet No. 15

### OPTIONAL TIME-OF-DAY SMALL GENERAL ELECTRIC SERVICE Rate 26

Page 1 of 2

#### Availability:

In all communities served for all types of general electric service with billing demands that do not warrant the installation of a demand meter except outside lighting, standby, resale, or other customers covered by special contracts or rate schedules applicable to specific services. The customer's wiring must be arranged so that all service can be measured through one meter.

#### Rate:

Basic Service Charge: \$1.00 per day

#### On-Peak Energy:

For all Kwh's used during peak hours designated as 12 p.m. to 8 p.m. local time, Monday through Friday.

October – May 4.566¢ per Kwh  
June – September 6.066¢ per Kwh

#### Off-Peak Energy:

For all energy not covered by the On-Peak rating period.

October – May 2.066¢ per Kwh  
June – September 3.566¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

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# Montana-Dakota Utilities Co.

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400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~56~~<sup>56</sup><sup>th</sup> Revised Sheet No. 18

Canceling ~~45~~<sup>45</sup><sup>th</sup> Revised Sheet No. 18

### GENERAL ELECTRIC SERVICE Rate 30

Page 1 of ~~23~~<sup>23</sup>

#### Availability:

In all communities served for all types of demand metered general electric service except outside lighting, standby, resale or other customers covered by special contracts or rate schedules applicable to specific services. The customer's wiring must be arranged so that all service can be measured through one meter. If the customer does not connect his wiring into a single system, each meter shall constitute a separate billing unit.

#### Rate:

##### Primary Service:

Basic Service Charge: \$100.00 per month

##### Demand Charge:

October – May \$11.00 per Kw

June – September \$14.00 per Kw

Energy Charge: 1.414¢ per Kwh

##### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

##### Secondary Service:

Basic Service Charge: \$56.00 per month

##### Demand Charge:

October – May \$ 9.50 per Kw

June – September \$12.50 per Kw

Energy Charge: 2.331¢ per Kwh

##### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

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# Montana-Dakota Utilities Co.

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400 N 4<sup>th</sup> Street  
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## State of North Dakota Electric Rate Schedule

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~~56~~<sup>56</sup><sup>th</sup> Revised Sheet No. 18

Canceling ~~45~~<sup>45</sup><sup>th</sup> Revised Sheet No. 18

### GENERAL ELECTRIC SERVICE Rate 30

Page 1 of ~~23~~<sup>23</sup>

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill.  
Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

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400 N 4<sup>th</sup> Street  
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~~78~~<sup>78</sup>th Revised Sheet No. 18.1

Canceling ~~67~~<sup>67</sup>th Revised Sheet No. 18.1

### GENERAL ELECTRIC SERVICE Rate 30

Page 2 of ~~23~~<sup>23</sup>

#### Determination of Billing Demand:

The demand in kilowatts for billing purposes shall be the maximum 15 minute measured demand in the current month. Demands will be determined to the nearest one-tenth kilowatt. Customers whose loads have rapidly fluctuating and/or intermittent demand characteristics shall be subject to special rules and regulations.

#### Power Factor Clause:

The Company reserves the right to require the customer to install adequate equipment so that at all times it can operate its facilities to maintain a power factor between 90% lagging and 90% leading. If the customer operates outside this range, the maximum 15 minute integrated reactive kilovolt amperes in excess of 50% of the maximum 15 minute integrated kilowatt demand for the same month will be billed at \$3.35 per Kvar of such excess demand.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

#### General Terms and Conditions:

1. Customers or their architects, contractors and electricians should consult with the Company before proceeding to design or erect installations in which there will be a substantial electric load, to make sure their equipment will meet requirements and receive adequate service.
2. Primary service rate is applicable to customers that own their own transformers, related equipment and distribution facilities downstream of the meter, satisfactory to the Company so customer can receive service and be metered at primary voltages of 2,400 volts or greater.
3. The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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# Montana-Dakota Utilities Co.

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~~1<sup>st</sup>~~ 2<sup>nd</sup> Revised Sheet No. 18.2

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### GENERAL ELECTRIC SERVICE Rate 30

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# Montana-Dakota Utilities Co.

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400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~78~~<sup>78</sup>th Revised Sheet No. 19

Canceling ~~67~~<sup>67</sup>th Revised Sheet No. 19

### OPTIONAL TIME-OF-DAY GENERAL ELECTRIC SERVICE Rate 31

Page 1 of 3

#### Availability:

In all communities served for all types of demand metered general electric service except outside lighting, standby, resale, or other customers covered by special contracts or rate schedules applicable to specific services. The customer's wiring must be arranged so that all service can be measured through one meter.

#### Rate:

##### Primary Service:

Basic Service Charge: \$97.00 per month

##### On-Peak Demand:

October - May \$12.25 per Kw

June - September \$15.25 per Kw

##### On-Peak Energy:

For all Kwh's used during peak hours designated as 12 p.m. to 8 p.m. local time, Monday through Friday.

1.607¢ per Kwh

##### Off-Peak Energy:

For all energy not covered by the On-Peak rating period. 1.357¢ per Kwh

##### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

##### Secondary Service:

Basic Service Charge: \$72.00 per month

##### On-Peak Demand:

October – May \$10.75 per Kw

June – September \$14.75 per Kw

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
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## State of North Dakota Electric Rate Schedule

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~~4112~~<sup>th</sup> Revised Sheet No. 19.1

Canceling ~~4011~~<sup>th</sup> Revised Sheet No. 19.1

### OPTIONAL TIME-OF-DAY GENERAL ELECTRIC SERVICE Rate 31

Page 2 of 3

#### On-Peak Energy:

For all Kwh's used during peak hours designated as 12 p.m. to 8 p.m. local time, Monday through Friday. 2.512¢ per Kwh

#### Off-Peak Energy:

For all energy not covered by the On-Peak rating period. 2.262¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

#### Determination of On-Peak Billing Demand:

The demand in kilowatts for billing purposes shall be the maximum 15 minute measured demand for the on-peak period in the current month defined as 12:00 p.m. to 8:00 p.m. local time, Monday through Friday. Demands will be

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400 N 4<sup>th</sup> Street  
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~~411~~<sup>12</sup><sup>th</sup> Revised Sheet No. 19.1

Canceling ~~401~~<sup>1</sup><sup>th</sup> Revised Sheet No. 19.1

### OPTIONAL TIME-OF-DAY GENERAL ELECTRIC SERVICE Rate 31

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determined to the nearest one-tenth kilowatt. Customers whose loads have rapidly fluctuating and/or intermittent demand characteristics shall be subject to special rules and regulations.

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# Montana-Dakota Utilities Co.

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## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~45<sup>th</sup>~~ Revised Sheet No. 19.2

Canceling ~~3<sup>rd</sup>~~ 4<sup>th</sup> Revised Sheet No. 19.2

### OPTIONAL TIME-OF-DAY GENERAL ELECTRIC SERVICE Rate 31

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#### Power Factor Clause:

The Company reserves the right to require the customer to install adequate equipment so that at all times it can operate its facilities to maintain a power factor between 90% lagging and 90% leading. If the customer operates outside this range, the maximum 15 minute integrated reactive kilovolt amperes in excess of 50% of the maximum 15 minute integrated kilowatt demand for the same month will be billed at \$3.35 per Kvar of such excess demand.

#### Contract Terms:

Customer agrees to contract for service under the Optional Time-of-Day General Electric Service rate for a minimum period of one year. At the end of a one-year period, customer shall have the option of remaining under the Optional Time-of-Day General Electric Service rate or returning to the regular General Electric Service rate.

#### General Terms and Conditions:

1. Customers and their architects, contractors and electricians should consult with the Company before proceeding to design or erect installations in which there will be a substantial electric load, to make sure their equipment will meet requirements and receive adequate service.
2. Primary service rate is applicable to customers that own their own transformers, related equipment and distribution facilities downstream of the meter, satisfactory to the Company so customer can receive service and be metered at primary voltages of 2,400 volts or greater.
3. The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

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Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~67~~<sup>th</sup> Revised Sheet No. 20

Canceling ~~56~~<sup>th</sup> Revised Sheet No. 20

### GENERAL ELECTRIC SPACE HEATING SERVICE Rate 32

Page 1 of 3

#### Availability:

In all communities served for space heating service, where the customer also takes service under another general service rate schedule offered by the Company. Space heating equipment, including combination space heating and cooling equipment such as heat pumps and packaged roof-top heating/cooling units where heating use is the principal load may be served under this rate schedule.

#### Rate:

Basic Service Charge: \$21.00 per month

#### Primary Service:

##### Demand Charge:

October – May \$ 1.00 per Kw

June – September \$14.00 per Kw

Energy Charge: 1.422¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Secondary Service:

##### Demand Charge:

October – May \$ 1.00 per Kw

June – September \$12.50 per Kw

Energy Charge: 2.422¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge.

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
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## State of North Dakota Electric Rate Schedule

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~~67~~<sup>67</sup><sup>th</sup> Revised Sheet No. 20

Canceling ~~56~~<sup>56</sup><sup>th</sup> Revised Sheet No. 20

### GENERAL ELECTRIC SPACE HEATING SERVICE Rate 32

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#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill.  
Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

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# Montana-Dakota Utilities Co.

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910<sup>th</sup> Revised Sheet No. 20.1

Canceling 89<sup>th</sup> Revised Sheet No. 20.1

### GENERAL ELECTRIC SPACE HEATING SERVICE Rate 32

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#### Determination of Billing Demand:

The demand in kilowatts for billing purposes shall be the maximum 15 minute measured demand in the current month. Demands will be determined to the nearest one-tenth kilowatt. Customers whose loads have rapidly fluctuating and/or intermittent demand characteristics shall be subject to special rules and regulations.

#### Power Factor Clause:

The Company reserves the right to require the customer to install adequate equipment so that at all times it can operate its facilities to maintain a power factor between 90% lagging and 90% leading. If the customer operates outside this range, the maximum 15 minute integrated reactive kilovolt amperes in excess of 50% of the maximum 15 minute integrated kilowatt demand for the same month will be billed at \$3.35 per Kvar of such excess demand.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

#### General Terms and Conditions:

1. Customers or their architects, contractors and electricians should consult with the Company before proceeding to design or erect installations in which there will be a substantial electric load, to make sure their equipment will meet requirements and receive adequate service.
2. Primary service rate is applicable to customers that own their own transformers, related equipment and distribution facilities downstream of the meter, satisfactory to the Company so customer can receive service and be metered at primary voltages of 2,400 volts or greater.

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Director - Regulatory Affairs

Case No.: ~~PU-16-66622-~~



# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

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NDPSC Volume 4

~~2<sup>nd</sup>~~ 3<sup>rd</sup> Revised Sheet No. 20.2

Canceling ~~4<sup>st</sup>~~ 2<sup>nd</sup> Revised Sheet No. 20.2

### GENERAL ELECTRIC SPACE HEATING SERVICE Rate 32

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- The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~3<sup>rd</sup>~~ 4<sup>th</sup> Revised Sheet No. 22

Canceling ~~2<sup>nd</sup>~~ 3<sup>rd</sup> Revised Sheet No. 22

### FIRM SERVICE ECONOMIC DEVELOPMENT Rate 34

Page 1 of 3

#### Availability:

In all communities served for all types of general electric service which meets one of the following qualifications:

1. New Customers - An applicant with total expected demand of 200 Kw per month and usage of 750,000 Kwh per year is eligible for service under this rate if it can meet any one of the following requirements: (i) its activities are largely or entirely different than that of the previous customer; (ii) that non-seasonal business has not been conducted at the premise for at least three billing periods prior to the application; (iii) that seasonal business has not been conducted at the premise for at least thirteen billing periods prior to the application; or (iv) the facility is newly constructed.
2. Existing Customers and Existing In-state Customers of Competing Suppliers - An existing customer, or an existing in-state customer of a competing supplier with increased demand of 200 Kw per month and increased usage of 750,000 Kwh per year is eligible for service under this rate. Only the expanded portion of the facility will be eligible for the negotiated rate. In addition, the new load must be supplied from a separately metered circuit with separate metering equipment to be installed at the customer's expense. Average usage at the original facility must be at least as great as that which occurred in the previous 12 month period.

#### Rate:

Basic Service Charge: \$100.00 per month

Demand Charge: To Be Negotiated

Energy Charge: Otherwise applicable energy charge for General Service Rate 30.

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

Contracts shall be filed with and approved by the North Dakota Public Service Commission.

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~5<sup>th</sup>~~ 6<sup>th</sup> Revised Sheet No. 23

Canceling ~~4<sup>th</sup>-5<sup>th</sup>~~ Revised Sheet No. 23

### INTERRUPTIBLE LARGE POWER DEMAND RESPONSE Rate 38

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#### Availability:

In all communities served for power to customers having a demand of 500 Kw or more for its interruptible load available for interruption for up to 100 hours annually. Electric energy for the interruptible load shall be supplied through a separately metered circuit at the same voltage and phase utilized to serve the balance of the customer's electrical load so arranged to allow remote operation by the Company.

#### Type of Service:

Service under this rate shall be taken by the customer at whatever primary voltage is available at the point of delivery but not less than 2,400 volts. In the event that it is necessary to build a substation on the Company's transmission line to serve the customer, the cost of building the substation shall be a matter of negotiation between the Company and the customer.

#### Rate:

Basic Service Charge:	Specified in the electric service agreement with the Company.
Demand Charge:	
October – May	\$ 8.00 per Kw
June – September	\$11.00 per Kw
Energy Charge:	1.252¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

#### Minimum Bill:

Basic Service Charge plus the Demand Charge (500 Kw minimum).

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~56~~<sup>56</sup><sup>th</sup> Revised Sheet No. 25

Canceling ~~45~~<sup>45</sup><sup>th</sup> Revised Sheet No. 25

### SMALL MUNICIPAL ELECTRIC SERVICE Rate 40 (CLOSED)

Page 1 of 3

#### Availability:

For all lighting and power requirements with billing demands of 50 kilowatts or less for public buildings or locations supported by public tax levies, and for which the city is liable for payment, in all municipalities served where the Company is operating under a municipal franchise or permit, and the municipality has a standard contract for operation of a street lighting system and/or a municipal pumping system with the Company.

This rate is restricted to small municipal electric service customers who were served under this rate prior to January 27, 1987. Any new small municipal general electric service customer may take service under another applicable rate.

#### Rate:

##### Non-Demand:

Basic Service Charge: \$0.84 per day

##### Energy Charge:

October – May:

First 750 Kwh per month 3.402¢ per Kwh

Over 750 Kwh per month 2.302¢ per Kwh

June – September: 3.402¢ per Kwh

##### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

##### Demand:

Basic Service Charge: \$1.00 per day

##### Demand Charge:

October – May:

10 Kw or less No Charge

Over 10 Kw \$ 8.25 per Kw

June – September: \$11.25 per Kw

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A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
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## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~56~~<sup>56</sup><sup>th</sup> Revised Sheet No. 25

Canceling ~~45~~<sup>45</sup><sup>th</sup> Revised Sheet No. 25

### SMALL MUNICIPAL ELECTRIC SERVICE Rate 40 (CLOSED)

Page 1 of 3

Energy Charge: 1.302¢ per Kwh

Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge  
and Demand Charge where applicable.

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~89~~<sup>89</sup><sup>th</sup> Revised Sheet No. 25.1

Canceling ~~78~~<sup>78</sup><sup>th</sup> Revised Sheet No. 25.1

### SMALL MUNICIPAL ELECTRIC SERVICE Rate 40 (CLOSED)

Page 2 of 3

#### Minimum Bill:

Basic Service Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Determination of Billing Demand:

The demand in kilowatts for billing purposes shall be the maximum 15 minute measured demand in the current month. Demands will be determined to the nearest one-tenth kilowatt. Customers whose loads have rapidly fluctuating and/or intermittent demand characteristics shall be subject to special rules and regulations.

#### Power Factor Clause:

The Company reserves the right to require the customer to install adequate equipment so that at all times it can operate its facilities to maintain a power factor between 90% lagging and 90% leading. If the customer operates outside this range, the maximum 15 minute integrated reactive kilovolt amperes in excess of 50% of the maximum 15 minute integrated kilowatt demand for the same month will be billed at \$3.35 per Kvar of such excess demand.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~89~~<sup>89</sup><sup>th</sup> Revised Sheet No. 26

Canceling ~~78~~<sup>78</sup><sup>th</sup> Revised Sheet No. 26

### MUNICIPAL LIGHTING SERVICE Rate 41

Page 1 of 32

#### Availability:

For municipal lighting purposes including streets, alleys and other public grounds. Service will be provided all night, every night in the year with a minimum service requirement of 4,000 hours annually and must be covered by written contract.

#### Rate:

##### Primary Service:

Energy Charge: 5.096¢ per Kwh

##### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

##### Secondary Service:

Energy Charge: 5.596¢ per Kwh

##### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

Discount: For contracts of ten years or more 10%

Kwh shall be computed according to the total rated capacity of lamps in use.

#### Minimum Bill:

As provided in contract.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

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A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~89~~<sup>89</sup><sup>th</sup> Revised Sheet No. 26

Canceling ~~78~~<sup>78</sup><sup>th</sup> Revised Sheet No. 26

### MUNICIPAL LIGHTING SERVICE Rate 41

Page 2 of ~~32~~

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

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## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~45~~<sup>45</sup><sup>th</sup> Revised Sheet No. 26.1

Canceling ~~3<sup>rd</sup>~~ ~~4~~<sup>4</sup><sup>th</sup> Revised Sheet No. 26.1

### MUNICIPAL LIGHTING SERVICE Rate 41

Page ~~3~~<sup>2</sup> of ~~32~~

#### General Terms and Conditions:

1. The Company will maintain the facilities and change the light bulbs when notified by the municipality that they are burned out except when the facilities are damaged or destroyed by vandalism, malicious mischief by third parties, or willful negligence on the part of employees of the municipality. In case of vandalism, malicious mischief, or willful negligence the Company will charge the municipality for the cost of repair and replacement.
2. Primary service rate is applicable to customers that own their own transformers, related equipment and distribution facilities downstream of the meter, satisfactory to the Company so customer can receive service and be metered at primary voltages of 2,400 volts or greater.
3. In municipally-owned street lighting systems, an additional charge will be made to cover lamp replacements, materials and labor whenever such services are supplied by the Company.
4. When service is not metered, the bill shall be computed on an annual basis, utilizing the minimum service requirement of 4,000 hours annually, and one-twelfth shall be payable each month.
5. The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~50~~<sup>56</sup><sup>th</sup> Revised Sheet No. 32

Canceling ~~45~~<sup>45</sup><sup>th</sup> Revised Sheet No. 32

### MUNICIPAL PUMPING SERVICE Rate 48

Page 1 of ~~23~~

#### Availability:

For municipal pumping purposes provided the municipality uses electricity exclusively for all its pumping requirements and purchases all such electricity from the Company. The municipality must sign a contract for a minimum period of one year.

#### Rate:

##### Primary Service:

Basic Service Charge: \$80.00 per month

##### Demand Charge:

Connected loads of 10 Kw or less will be billed based on connected load. Connected loads in excess of 10 Kw will be billed based upon the greater of the highest 15 minute interval demand as registered upon a demand meter in the current month or 10 Kw.

October – May: \$6.00 per Kw

June – September: \$9.00 per Kw

Energy Charge: 1.798¢ per Kwh

#### Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

##### Secondary Service:

Basic Service Charge: \$45.00 per month

##### Demand Charge:

Connected loads of 10 Kw or less will be billed based on connected load. Connected loads in excess of 10 Kw will be billed based upon the greater of the highest 15 minute interval demand as registered upon a demand meter in the current month or 10 Kw.

October – May: \$6.00 per Kw

June – September: \$9.00 per Kw

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Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

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~~50~~<sup>56</sup><sup>th</sup> Revised Sheet No. 32

Canceling ~~45~~<sup>45</sup><sup>th</sup> Revised Sheet No. 32

### MUNICIPAL PUMPING SERVICE Rate 48

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Energy Charge: 1.898¢ per Kwh

Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

Discount: For contracts of ten years or more 10%

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400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~89~~<sup>89</sup><sup>th</sup> Revised Sheet No. 32.1

Canceling ~~78~~<sup>78</sup><sup>th</sup> Revised Sheet No. 32.1

### MUNICIPAL PUMPING SERVICE Rate 48

Page 2 of ~~23~~<sup>23</sup>

#### Minimum Bill:

Basic Service Charge plus Demand Charge.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Power Factor Clause:

The Company reserves the right to require the customer to install adequate equipment so that at all times it can operate its facilities to maintain a power factor between 90% lagging and 90% leading. If the customer operates outside this range, the maximum 15 minute integrated reactive kilovolt amperes in excess of 50% of the maximum 15 minute integrated kilowatt demand for the same month will be billed at \$3.35 per Kvar of such excess demand.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

#### General Terms and Conditions:

1. Primary service rate is applicable to customers that own their own transformers, related equipment and distribution facilities downstream of the meter, satisfactory to the Company so customer can receive service and be metered at primary voltages of 2,400 volts or greater.
2. The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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### MUNICIPAL PUMPING SERVICE Rate 48

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
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## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~910~~<sup>th</sup> Revised Sheet No. 36

Canceling ~~89~~<sup>th</sup> Revised Sheet No. 36

### OUTDOOR LIGHTING SERVICE Rate 52

Page 1 of ~~23~~

#### Availability:

For all outdoor lighting including flood lights, billboard lighting, metallic vapor yard lights, and Christmas lights in all communities served. Lighting equipment may be Company-owned or customer-owned.

#### Rate:

Primary Service:

Energy Charge: 6.357¢ per Kwh

Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

Secondary Service:

Energy Charge: 6.763¢ per Kwh

Interim Rate Increase:

9.317% of amount billed under Basic Service Charge, Energy Charge and Demand Charge where applicable.

Kwh shall be computed according to the total rated capacity of the units in use.

#### Payment:

Bills will be considered past due if not paid by the due date shown on the bill. Past due bills are subject to a late payment charge in accordance with the provisions of Rate 100 or any amendments or alterations thereto.

#### Adjustment Clauses:

Bills are subject to the following adjustments or any amendments or alterations thereto:

1. Renewable Resource Cost Adjustment Rate 55
2. Generation Resource Recovery Rider Rate 56
3. Environmental Cost Recovery Rider Rate 57
4. Fuel and Purchased Power Adjustment Rate 58
5. Transmission Cost Adjustment Rate 59

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~~89~~<sup>910</sup><sup>th</sup> Revised Sheet No. 36

Canceling ~~89~~<sup>910</sup><sup>th</sup> Revised Sheet No. 36

### OUTDOOR LIGHTING SERVICE Rate 52

Page 2 of ~~23~~

#### General Terms and Conditions:

1. Applicable to Company-owned Facilities:
  - a. The Company will install, own and operate the flood light(s), and yard light(s) including a suitable reflector, bracket for mounting and automatic device to control operating hours set to operate from dusk to dawn.

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## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~3<sup>rd</sup>~~ 4<sup>th</sup> Revised Sheet No. 36.1

Canceling ~~2<sup>nd</sup>~~ 3<sup>rd</sup> Revised Sheet No. 36.1

### OUTDOOR LIGHTING SERVICE Rate 52

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- b. The light may be mounted on existing poles owned or controlled by the Company. The Company will furnish a 35 foot pole(s) for flood lights and a 30 foot pole(s) for yard light(s) at the customer's request at a separate rental rate if a special setting is required. If the customer chooses, the light may be installed on a pole owned by the customer or other mounting point suitable for installation of the light. The conductors will be extended 100 feet per unit free of charge, but the customer shall pay for the extra cost of extensions of more than 100 feet per unit.
  - c. To the rate stated herein, bulb replacement and ownership costs for the units shall be added. The customer should consult with the Company for such costs.
  - d. The Company will maintain the facilities and change the light bulbs when notified by the customer that they are burned out except when the facilities are damaged or destroyed by vandalism, malicious mischief by third parties, or willful negligence on the part of the customer. In case of vandalism, malicious mischief, or willful negligence, the Company will charge the customer for the cost of repair and replacement.
2. Primary service rate is applicable to customers that own their own transformers, related equipment and distribution facilities downstream of the meter, satisfactory to the Company so customer can receive service and be metered at primary voltages of 2,400 volts or greater.
  3. When service is not metered, the bill shall be computed on an annual basis, utilizing the minimum service requirement of 4,000 hours annually, and one-twelfth shall be payable each month.

Metallic vapor ratings in lumens shall be converted to watts on the basis of the published ratings currently issued by the General Electric Company and the Westinghouse Electric Corporation.

4. The foregoing schedule is subject to Rates 100-112 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.

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# Montana-Dakota Utilities Co.

A Division of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~1<sup>st</sup>~~ 2<sup>nd</sup> Revised Sheet No. 36.2

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### OUTDOOR LIGHTING SERVICE Rate 52

Page 3 of 3

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# Montana-Dakota Utilities Co.

A Subsidiary of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~22<sup>nd</sup>-23<sup>rd</sup>~~ Revised Sheet No. 44

Canceling ~~21<sup>st</sup>-22<sup>nd</sup>~~ Revised Sheet No. 44

### OCCASIONAL POWER PURCHASE Rate 95 NON-TIME DIFFERENTIATED

Page 1 of 2

#### Availability:

To any qualifying cogeneration and small power production facilities for the purpose of generating occasional electric energy in parallel with the Company's system. This schedule is applicable to cogeneration and small power production facilities with a design capacity of 100 Kw or less, that are Qualifying Facilities (QF) as defined under 18 CFR, Part 292.

#### Rate:

Metering charge for single phase service: \$0.05 per day  
With instrument transformers: \$0.19 per day

Metering charge for three phase service: \$0.12 per day  
With instrument transformers: \$0.33 per day

#### Interim Rate Increase:

9.317% of amount billed under Metering Charge.

Energy delivered to and accepted by Company by a QF shall be paid for by Company in accordance with one of the following two options, elected by the QF:

#### 1. Simultaneous Purchase and Sale:

Energy sales to QF - Service provided to such customers by the Company shall be billed at the appropriate rate, by class of customers (i.e., residential, small and general electric service, etc.) that is currently on file with the Commission.

Energy purchases by Company:

Energy Payment = 2.145¢ per Kwh

#### 2. Net Billing:

Energy generated will be compensated on a net billing basis. The Company will install a meter to measure the energy generated by the QF. The Company will also install a meter to measure the energy consumed by the QF. Metered generation will be subtracted from the metered consumption for the billing period.

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# Montana-Dakota Utilities Co.

A Subsidiary of MDU Resources Group, Inc.

400 N 4<sup>th</sup> Street  
Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

~~22<sup>nd</sup>-23<sup>rd</sup>~~ Revised Sheet No. 45

Canceling ~~21<sup>st</sup>-22<sup>nd</sup>~~ Revised Sheet No. 45

### PARALLEL GENERATION PEAKING FACILITY PURCHASE Rate 96 TIME DIFFERENTIATED

Page 1 of 3

#### Availability:

To any qualifying cogeneration and small power production facilities for the purpose of generating electric energy in parallel with the Company's system. This schedule is applicable to cogeneration and small power production facilities with a design capacity of 1000 Kw or less, that operate as a peaking facility (defined below), and are Qualifying Facilities (QF) as defined under 18 CFR, Part 292.

#### Rate:

Metering charge for single phase service: \$ 0.16 per day

With instrument transformers: \$ 0.30 per day

Metering charge for three phase service: \$ 0.18 per day

With instrument transformers: \$ 0.38 per day

#### Interim Rate Increase:

9.317% of amount billed under Metering Charge.

#### 1. Capacity delivered to the Company:

Monthly capacity payments for a QF (not registered as a MISO generator) shall be assigned by Montana-Dakota based upon the amount of qualifying capacity assigned to an eligible resource under BPM-011 Resource Adequacy of the MISO tariff subject to adjustment annually in accordance with BPM-011.

Monthly capacity payments for a MISO-registered QF shall be based on the capacity credits assigned by MISO on an annual basis.

Monthly capacity payment shall be the MISO capacity auction clearing price for Zone 1. The capacity payment is subject to change annually through the year 2030. Effective in 2031 the monthly capacity payment shall be \$9.655 per Kw applicable for the remainder of the term of the contact.

Capacity payments will be paid in the subsequent billing period.

**Date Filed:** ~~October 13, 2021~~ May 16, 2022

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

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

**Case No.:** PU-21-40422-

**MONTANA-DAKOTA UTILITIES CO.**  
**CASE NO. PU-22-\_\_**  
**INDEX OF STATEMENTS - INTERIM**

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**MONTANA-DAKOTA UTILITIES CO.**  
**PROJECTED OPERATING INCOME AND RATE OF RETURN**  
**REFLECTING ADDITIONAL REVENUE REQUIREMENTS - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**PROJECTED 2023**

<b>BASE RATES</b>			
	Before Additional Revenue Requirements 1/	<b>Additional Revenue Requirements</b>	Reflecting Additional Revenue Requirements
<b>Operating Revenues</b>			
Sales	\$172,902,977	<b>\$11,422,625</b>	\$184,325,602
Sales for Resale	-		-
Other	3,898,165		3,898,165
Total Revenues	<u>176,801,142</u>	<u>11,422,625</u>	<u>188,223,767</u>
<b>Operating Expenses</b>			
Operation and Maintenance			
Cost of Fuel & Purchased Power	45,814,244		45,814,244
Other O&M	55,501,290		55,501,290
Total O&M	<u>101,315,534</u>		<u>101,315,534</u>
Depreciation	28,738,721		28,738,721
Taxes Other Than Income	7,063,612		7,063,612
Current Income Taxes	5,453,163	2,787,680 2/	8,240,843
Deferred Income Taxes	0		-
Total Expenses	<u>142,571,030</u>	<u>2,787,680</u>	<u>145,358,710</u>
Operating Income	<u>\$34,230,112</u>	<u>\$8,634,945</u>	<u>\$42,865,057</u>
Rate Base	<u>\$605,353,152</u>		<u>\$605,353,152</u>
<hr/>			
<b>Rate of Return</b>	<b>5.655%</b>		<b>7.081%</b>

1/ See Statement A, Page 2.

2/ Reflects state and federal taxes at 24.4049%.

**MONTANA-DAKOTA UTILITIES CO.**  
**INCOME STATEMENT - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**TWELVE MONTHS ENDED DECEMBER 31, 2021**  
**PROJECTED 2022 - 2023**

	Per Books 2021	Adjusted 2021	Projected		Reference
			2022	2023	
<b>Operating Revenues</b>					
Sales	\$193,996,224	\$167,478,024	\$171,209,147	\$172,902,977	Stmt. F, page 1
Sales for Resale	1,185,619	1,185,619	0	0	Stmt. F, page 1
Other	18,453,299	5,545,344	3,896,420	3,898,165	Stmt. F, page 1
<b>Total Revenues</b>	<u>\$213,635,142</u>	<u>\$174,208,987</u>	<u>\$175,105,567</u>	<u>\$176,801,142</u>	
<b>Operating Expenses</b>					
<b>Operation and Maintenance</b>					
Fuel & Purchased Power	\$44,160,937	\$43,422,976	\$44,292,587	\$45,814,244	Stmt G, page 1
Other O&M	80,028,625	50,580,640	51,911,381	55,501,290	Stmt G, page 1
<b>Total O&amp;M</b>	<u>\$124,189,562</u>	<u>\$94,003,616</u>	<u>\$96,203,968</u>	<u>\$101,315,534</u>	
Depreciation and Amortization	43,429,137	37,875,747	31,518,130	28,738,721	Stmt H, page 1
Taxes Other Than Income	8,251,026	6,785,791	6,826,491	7,063,612	Stmt I, page 1
Current Income Taxes	(10,328,117)	1,547,889	5,274,002	5,453,163	Stmt J, page 1
Deferred Income Taxes	3,272,107	3,272,107			
<b>Total Expenses</b>	<u>\$168,813,715</u>	<u>\$143,485,150</u>	<u>\$139,822,591</u>	<u>\$142,571,030</u>	
<b>Operating Income</b>	<u>\$44,821,427</u>	<u>\$30,723,837</u>	<u>\$35,282,976</u>	<u>\$34,230,112</u>	
<b>Rate Base</b>	<u>\$754,253,059</u>	<u>\$572,536,932</u>	<u>\$583,165,905</u>	<u>\$605,353,152</u>	Page 4
<b>Rate of Return</b>	<u>5.942%</u>	<u>5.366%</u>	<u>6.050%</u>	<u>5.655%</u>	
<b>Return on Equity</b>	<u>7.834%</u>	<u>6.667%</u>	<u>7.616%</u>	<u>6.843%</u>	

**MONTANA-DAKOTA UTILITIES CO.  
AVERAGE RATE BASE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDED DECEMBER 31, 2021  
PROJECTED 2022 - 2023**

	Per Books 2021	Adjusted 2021	Projected 2022	Projected 2023	Reference
Electric Plant in Service	\$1,377,133,981	\$956,792,638	\$973,314,017	\$1,002,789,134	Statement B
Accumulated Reserve for Depreciation	473,523,143	334,245,647	333,671,893	344,207,098	Statement C
Total Electric Plant in Service	<u>\$903,610,838</u>	<u>\$622,546,991</u>	<u>\$639,642,124</u>	<u>\$658,582,036</u>	
<u>Additions:</u>					
Materials and Supplies	\$13,553,047	\$13,553,047	\$13,868,468	\$13,868,468	Statement D
Fuel Stocks	2,161,846	2,161,846	1,960,046	1,960,046	Statement D
Prepayments	888,993	888,993	976,197	1,105,632	Statement D
Unamortized Loss on Debt	1,454,509	1,454,509	1,141,289	838,282	Statement D
Decommissioning of Retired Plants	(11,439)	(11,439)	0	0	Statement D
Unamort. Redemption Cost of Pref. Stock	249,573	249,573	228,630	207,687	Statement D
(Gain)/Loss on Sale of Buildings	999,806	999,806	937,712	875,617	Statement D
Renewable Rider Regulatory Liability	(5,346,640)	0	0	0	Statement D
Lewis & Clark Unit 1 Regulatory Asset	18,330,658	40,789,303	40,789,303	46,844,024	Statement D
Provision for Pension & Benefits	0	0	0	0	Statement D
Provision for Post Retirement	0	0	0	0	Statement D
Total Additions	<u>\$32,280,353</u>	<u>\$60,085,638</u>	<u>\$59,901,645</u>	<u>\$65,699,756</u>	
Total Before Deductions	\$935,891,191	\$682,632,629	\$699,543,769	\$724,281,792	
<u>Deductions:</u>					
Accumulated Deferred Income Taxes	\$173,974,968	\$108,581,770	\$114,929,987	\$117,480,763	Statement J
Accumulated Investment Tax Credits	6,149,237	-	0	0	Statement D
Customer Advances	1,513,927	1,513,927	1,447,877	1,447,877	Statement D
Total Deductions	<u>\$181,638,132</u>	<u>\$110,095,697</u>	<u>\$116,377,864</u>	<u>\$118,928,640</u>	
Average Rate Base	<u><u>\$754,253,059</u></u>	<u><u>\$572,536,932</u></u>	<u><u>\$583,165,905</u></u>	<u><u>\$605,353,152</u></u>	

**MONTANA-DAKOTA UTILITIES CO.  
PLANT IN SERVICE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021  
PROJECTED 2022-2023**

Plant in Service	Adjusted 2021 Plant	Projected 2022 1/	Average 2022 1/	Projected 2023 2/	Average 2023 2/
Steam Production	\$210,983,315	\$210,810,733	\$210,897,024	\$211,442,084	\$211,126,409
Other Production	110,245,411	114,681,679	112,463,545	115,172,488	114,927,084
Heskett Unit IV Gas Turbine	0	0	0	0	0
Total Production	<u>\$321,228,726</u>	<u>\$325,492,412</u>	<u>\$323,360,569</u>	<u>\$326,614,572</u>	<u>\$326,053,493</u>
Transmission	231,554,545	232,271,242	231,912,894	238,332,286	235,301,764
Distribution	308,954,293	324,618,836	316,786,565	337,618,631	331,118,734
General	21,077,443	26,771,824	23,924,635	29,234,662	28,003,243
General - Intangible	8,335,643	9,272,887	8,804,265	11,666,829	10,469,858
Common	40,581,938	41,968,895	41,275,418	44,287,043	43,127,970
Common - Intangible	19,550,680	20,185,257	19,867,969	22,479,483	21,332,370
Subtotal	<u>\$951,283,268</u>	<u>\$980,581,353</u>	<u>\$965,932,315</u>	<u>\$1,010,233,506</u>	<u>\$995,407,432</u>
Acquisition Adjustment	7,381,702	7,381,702	7,381,702	7,381,702	7,381,702
Total Plant in Service	<u><u>\$958,664,970</u></u>	<u><u>\$987,963,055</u></u>	<u><u>\$973,314,017</u></u>	<u><u>\$1,017,615,208</u></u>	<u><u>\$1,002,789,134</u></u>

1/ Statement B, Schedule B-1, Page 1.

2/ Statement B, Schedule B-1, Page 2.

**MONTANA-DAKOTA UTILITIES CO.  
PLANT IN SERVICE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDED DECEMBER 31, 2021  
PROJECTED 2022**

	Adjusted 2021 Plant	Projected 2022			Average 2022
		Plant Additions 1/	Retirements 2/	Balance	
Steam Production	\$210,983,315	\$2,274,824	(\$2,447,406)	\$210,810,733	\$210,897,024
Other Production	110,245,411	4,921,348	(485,080)	114,681,679	112,463,545
Total Production	<u>\$321,228,726</u>	<u>\$7,196,172</u>	<u>(\$2,932,486)</u>	<u>\$325,492,412</u>	<u>\$323,360,569</u>
Transmission	\$231,554,545	\$15,619,412	(\$4,492,158) 3/	\$232,271,242 4/	\$231,912,894
Distribution	\$308,954,293	\$18,939,459	(\$3,274,916)	\$324,618,836	\$316,786,565
<u>General</u>					
Other	\$6,451,573	\$2,399,781	(\$377,417)	\$8,473,937	\$7,462,755
Structures & Improvements	1,150,765	2,433,963	(67,320)	3,517,408	2,334,087
Computer Equipment	51,673	0	(3,023)	48,650	50,162
Transportation	5,335,563	1,127,449	(312,130)	6,150,882	5,743,223
Work Equipment	8,087,869	966,218	(473,140)	8,580,947	8,334,408
Total General	<u>\$21,077,443</u>	<u>\$6,927,411</u>	<u>(\$1,233,030)</u>	<u>\$26,771,824</u>	<u>\$23,924,635</u>
General Intangible	\$8,335,643	\$937,244	\$0	\$9,272,887	\$8,804,265
<u>Common</u>					
Other	\$7,373,128	\$1,295,708	(\$142,301)	\$8,526,535	\$7,949,832
Structures & Improvements	27,528,501	347,766	(531,300)	27,344,967	27,436,734
Computer Equipment	2,222,953	340,508	(42,903)	2,520,558	2,371,756
Vehicles	3,457,356	186,206	(66,727)	3,576,835	3,517,096
Total Common	<u>\$40,581,938</u>	<u>\$2,170,188</u>	<u>(\$783,231)</u>	<u>\$41,968,895</u>	<u>\$41,275,418</u>
Common Intangible	\$19,550,680	\$716,690	(\$82,113)	\$20,185,257	\$19,867,969
Acquisition Adjustment	<u>\$7,381,702</u>	<u>\$0</u>	<u>\$0</u>	<u>\$7,381,702</u>	<u>\$7,381,702</u>
Total Plant in Service	<u><u>\$958,664,970</u></u>	<u><u>\$52,506,576</u></u>	<u><u>(\$12,797,934)</u></u>	<u><u>\$987,963,055</u></u>	<u><u>\$973,314,017</u></u>

1/ See Schedule B-2 Page 1.

2/ Based on average retirement ratios for 2019-2021.

3/ Transmission 2021 retirement ratio utilized to reflect projected 2022 retirements.

4/ Mandan Substation (\$10,410,567) reclassified from integrated system to FERC jurisdiction during 2022.

**MONTANA-DAKOTA UTILITIES CO.  
PLANT IN SERVICE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDED DECEMBER 31, 2021  
PROJECTED 2023**

	Projected Year End Balance 2022	Projected 2023			Average 2023
		Plant Additions 1/	Retirements 2/	Balance	
Steam Production	\$210,810,733	\$3,076,756	(\$2,445,405)	\$211,442,084	\$211,126,409
Other Production	114,681,679	995,408	(504,599)	115,172,488	114,927,084
Heskett Unit IV Gas Turbine	0	0	0	0	0
Total Production	<u>\$325,492,412</u>	<u>\$4,072,164</u>	<u>(\$2,950,004)</u>	<u>\$326,614,572</u>	<u>\$326,053,493</u>
Transmission	\$232,271,242	\$10,567,106	(\$4,506,062) 3/	\$238,332,286	\$235,301,764
Distribution	\$324,618,836	\$16,440,755	(\$3,440,960)	\$337,618,631	\$331,118,734
<u>General</u>					
Other	\$8,473,937	\$1,996,863	(\$495,725)	\$9,975,075	\$9,224,506
Structures & Improvements	3,517,408	0	(205,768)	3,311,640	3,414,524
Computer Equipment	48,650	0	(2,846)	45,804	47,227
Transportation	6,150,882	655,143	(359,827)	6,446,198	6,298,540
Work Equipment	8,580,947	1,376,983	(501,985)	9,455,945	9,018,446
Total General	<u>\$26,771,824</u>	<u>\$4,028,989</u>	<u>(\$1,566,151)</u>	<u>\$29,234,662</u>	<u>\$28,003,243</u>
General - Intangible	\$9,272,887	\$2,393,942	\$0	\$11,666,829	\$10,469,858
<u>Common</u>					
Other	\$8,526,535	\$1,756,506	(\$164,562)	\$10,118,479	\$9,322,507
Structures & Improvements	27,344,967	637,489	(527,758)	27,454,698	27,399,833
Computer Equipment	2,520,558	409,368	(48,647)	2,881,279	2,700,919
Vehicles	3,576,835	324,785	(69,033)	3,832,587	3,704,711
Total Common	<u>\$41,968,895</u>	<u>\$3,128,148</u>	<u>(\$810,000)</u>	<u>\$44,287,043</u>	<u>\$43,127,970</u>
Common - Intangible	\$20,185,257	\$2,379,004	(\$84,778)	\$22,479,483	\$21,332,370
Acquisition Adjustment	<u>\$7,381,702</u>	<u>\$0</u>	<u>\$0</u>	<u>\$7,381,702</u>	<u>\$7,381,702</u>
Total Plant in Service	<u><u>\$987,963,055</u></u>	<u><u>\$43,010,108</u></u>	<u><u>(\$13,357,955)</u></u>	<u><u>\$1,017,615,208</u></u>	<u><u>\$1,002,789,134</u></u>

1/ See Schedule B-2 Page 1.

2/ Based on average retirement ratios for 2019-2021.

3/ Transmission 2021 retirement ratio utilized to reflect projected 2023 retirements.

**MONTANA-DAKOTA UTILITIES CO.  
PLANT IN SERVICE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

Acct. No.	Account	Per Books 2021	2021 Plant Renewable Rider	2021 Plant Transmission Rider	2021 Retired Assets	Adjusted 2021 Plant
	<u>Steam Production Plant</u>					
810	<u>Heskett I &amp; II 1/</u>					
311	Structures & Improvements	\$21,096,384			\$14,305,572	\$6,790,812
312	Boiler Plant Equipment	46,366,140			45,703,389	662,751
314	Turbogenerator Units	12,889,979			12,135,172	754,807
316	Miscellaneous Equipment	6,550,741			4,556,565	1,994,176
	Total Heskett	\$89,029,064			\$78,826,518	\$10,202,546
820	<u>Lewis &amp; Clark Unit   2/</u>					
311	Structures & Improvements	\$121,509				\$121,509
830	<u>Coyote</u>					
311	Structures & Improvements	\$21,307,907				\$21,307,907
312	Boiler Plant Equipment	57,621,810				57,621,810
314	Turbogenerator Units	12,490,345				12,490,345
315	Accessory Equipment	5,399,276				5,399,276
316	Miscellaneous Equipment	2,683,822				2,683,822
	Total Coyote	\$99,503,160				\$99,503,160
861	<u>Big Stone</u>					
311	Structures & Improvements	\$23,097,092				\$23,097,092
312	Boiler Plant Equipment	60,583,845				60,583,845
314	Turbogenerator Units	9,664,374				9,664,374
315	Accessory Equipment	5,916,456				5,916,456
316	Miscellaneous Equipment	1,173,006				1,173,006
	Total Big Stone	\$100,434,773				\$100,434,773

1/ Excludes assets to be retired after plant closure in early 2022.

2/ Related to scrubber pond.

**MONTANA-DAKOTA UTILITIES CO.  
PLANT IN SERVICE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

Acct. No.	Account	Per Books 2021	2021 Plant Renewable Rider	2021 Plant Transmission Rider	2021 Retired Assets	Adjusted 2021 Plant
	<u>Steam Production</u>					
310	Land	\$721,327				\$721,327
	<u>Steam Production Plant Summary</u>					
310	Land	\$721,327			\$0	\$721,327
311	Structures & Improvements	65,622,892			14,305,572	51,317,320
312	Boiler Plant Equipment	164,571,795			45,703,389	118,868,406
314	Turbogenerator Units	35,044,698			12,135,172	22,909,526
315	Accessory Equipment	13,441,552			2,125,820	11,315,732
316	Miscellaneous Equipment	10,407,569			4,556,565	5,851,004
	Total Steam Production Plant	\$289,809,833			\$78,826,518	\$210,983,315
	<u>Other Production Plant</u>					
851	<u>Glendive Turbine Unit 1</u>					
341	Structures & Improvements	\$1,761,883				\$1,761,883
342	Fuel Holders, Producers & Acces.	891,904				891,904
344	Generators	4,842,867				4,842,867
345	Accessory Equipment	1,591,112				1,591,112
346	Miscellaneous Equipment	316,223				316,223
	Total Glendive Turbine Unit 1	\$9,403,989				\$9,403,989
850	<u>Glendive Turbine Unit 2</u>					
344	Generators	\$11,834,644				\$11,834,644
852	<u>Miles City Turbine</u>					
341	Structures & Improvements	\$273,404				\$273,404
342	Fuel Holders, Producers & Acces.	114,844				114,844
344	Generators	2,620,180				2,620,180
345	Accessory Equipment	614,232				614,232

**MONTANA-DAKOTA UTILITIES CO.  
PLANT IN SERVICE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

Acct. No.	Account	Per Books 2021	2021 Plant Renewable Rider	2021 Plant Transmission Rider	2021 Retired Assets	Adjusted 2021 Plant
346	Miscellaneous Equipment	\$45,053				\$45,053
	Total Miles City Turbine	\$3,667,713				\$3,667,713
855	<u>Portable Generator</u>					
341	Structures & Improvements	\$134,021				\$134,021
342	Fuel Holders, Producers & Acces.	96,626				96,626
344	Generators	888,535				888,535
345	Accessory Equipment	471,363				471,363
	Total Portable Generator	\$1,590,545				\$1,590,545
857	<u>Ormat</u>					
341	Structures & Improvements	\$498,385				\$498,385
344	Generators	8,678,508				8,678,508
345	Accessory Equipment	1,568,612				1,568,612
	Total Ormat	\$10,745,505				\$10,745,505
872	<u>Heskett Unit III Gas Turbine</u>					
341	Structures & Improvements	\$5,048,504				\$5,048,504
342	Fuel Holders, Producers & Acces.	782,372				782,372
344	Generators	26,574,769				26,574,769
345	Accessory Equipment	3,255,671				3,255,671
346	Miscellaneous Equipment	894,438				894,438
	Total Heskett Unit III Gas Turbine	\$36,555,754				\$36,555,754
872	<u>Lewis &amp; Clark Unit II RICE</u>					
341	Structures	\$9,536,537				\$9,536,537
342	Fuel Holders, Producers & Acces.	2,121,054				2,121,054
344	Generators	18,386,907				18,386,907
345	Accessory Equipment	4,054,131				4,054,131

**MONTANA-DAKOTA UTILITIES CO.  
PLANT IN SERVICE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

Acct. No.	Account	Per Books 2021	2021 Plant Renewable Rider	2021 Plant Transmission Rider	2021 Retired Assets	Adjusted 2021 Plant
346	Miscellaneous Equipment	\$2,321,250				\$2,321,250
	Total Lewis & Clark II RICE	\$36,419,879				\$36,419,879
<u>Other Production</u>						
310	Land	\$27,382				\$27,382
<u>Other Production Plant Summary</u>						
340	Land	\$27,382	\$0			\$27,382
341	Structures & Improvements	47,124,433	29,871,699			17,252,734
342	Fuel Holders, Producers & Acces.	4,006,800	0			4,006,800
344	Generators	279,853,638	206,027,228			73,826,410
345	Accessory Equipment	47,575,333	36,020,212			11,555,121
346	Miscellaneous Equipment	4,244,319	667,355			3,576,964
	Total Other Production Plant	\$382,831,905	\$272,586,494			\$110,245,411
<u>Transmission Plant</u>						
350.1	Land	\$1,491,788	\$64,782			\$1,427,006
350.2	Rights of Way	2,529,118				2,529,118
352	Structures & Improvements	1,271				1,271
353	Station Equipment	134,379,290	7,435,570	\$22,876,159		104,067,561
354	Towers & Fixtures	1,190,319				1,190,319
355	Poles & Fixtures	81,460,257	297,878	16,500,444		64,661,935
356	Overhead Conductor & Devices	54,350,031	156,386	544,712		53,648,933
357	Underground Conduit	1,594,297				1,594,297
358	Underground Conductor & Devices	2,434,105				2,434,105
	Total Transmission Plant	\$279,430,476	\$7,954,616	\$39,921,315		\$231,554,545
<u>Distribution Plant</u>						
360.1	Land	\$2,787,448				\$2,787,448
360.2	Rights of Way	223,490				223,490
362	Station Equipment	61,184,975				61,184,975

**MONTANA-DAKOTA UTILITIES CO.  
PLANT IN SERVICE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

Acct. No.	Account	Per Books 2021	2021 Plant Renewable Rider	2021 Plant Transmission Rider	2021 Retired Assets	Adjusted 2021 Plant
364	Poles, Towers & Fixtures	\$25,915,302				\$25,915,302
365	Overhead Conductors & Devices	22,638,560				22,638,560
366	Underground Conduit	200,238				200,238
367	Underground Conductor & Devices	97,554,608				97,554,608
368	Line Transformers	53,269,662				53,269,662
369	Services	26,378,280				26,378,280
370	Meters	12,330,610				12,330,610
371	Installation on Cust. Premises	1,636,104				1,636,104
373	Street Lighting & Signal System	4,835,016				4,835,016
	Total Distribution Plant	\$308,954,293				\$308,954,293
	<u>General Plant</u>					
389	Land	\$115,287				\$115,287
390	Structures & Improvements	1,150,765				1,150,765
391.1	Office Furniture & Equipment	99,983				99,983
391.5	Computer Equip. - Other	51,673				51,673
392.1	Trans. Equip., Non-Unitized	638,164				638,164
392.2	Trans. Equip., Unitized	4,697,399				4,697,399
394.1	Tools, Shop & Garage Equip.	3,715,463				3,715,463
395	Laboratory Equipment	393,929				393,929
396.1	Trailers-Work Equipment	506,592				506,592
396.2	Power Operated Equipment	7,581,277				7,581,277
397.1	Radio Communication Equip. - Fixed	467,680				467,680
397.2	Radio Communication Equip. - Mobile	113,488				113,488
397.5	Supervisory & Telemetry Equip.	42,063				42,063
397.6	Scada System	1,217,336				1,217,336
397.8	Network Equipment	247,415				247,415
398	Miscellaneous Equipment	\$38,929				\$38,929
	Total General Plant	\$21,077,443				\$21,077,443
303	General - Intangible Plant	\$9,687,195		\$1,351,552		\$8,335,643

**MONTANA-DAKOTA UTILITIES CO.  
PLANT IN SERVICE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

Acct. No.	Account	Per Books 2021	2021 Plant Renewable Rider	2021 Plant Transmission Rider	2021 Retired Assets	Adjusted 2021 Plant
	<u>Common Plant - Electric</u>					
389	Land	\$1,465,394				\$1,465,394
390	Structures & Improvements	27,528,501				27,528,501
391.1	Office Furniture & Equipment	1,014,216				1,014,216
391.3	Computer Equip. - PC	1,432,366				1,432,366
391.5	Computer Equip.-Other	790,587				790,587
392.1	Transport Equip.-Trailers	6,065				6,065
392.2	Transport Equip.-Vehicles	3,451,291				3,451,291
392.3	Aircraft Equipment	1,970,847				1,970,847
393	Stores Equipment	57,340				57,340
394.1	Tools, Shop & Garage Equip.	318,077				318,077
394.3	Vehicle Maintenance Equipment	17,989				17,989
397.1	Radio Communication Equip. - Fixed	1,051,048				1,051,048
397.2	Radio Communication Equip. - Mobile	463,116				463,116
397.3	General Telephone Comm. Equip.	263,766				263,766
397.5	Supervisory & Telemetry Equip.	6,063				6,063
397.8	Network Equipment	138,526				138,526
398	Miscellaneous Equipment	606,746				606,746
	Total Common Plant	\$40,581,938				\$40,581,938
303	Common - Intangible Plant	\$19,550,680				\$19,550,680
114	Acquisition Adjustment	\$7,381,702				\$7,381,702
	Total Plant in Service	\$1,359,305,465	\$280,541,110	\$41,272,867	\$78,826,518	\$958,664,970

**MONTANA-DAKOTA UTILITIES CO.  
PLANT ADDITIONS SUMMARY - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2022-2023**

	<u>2022</u>	<u>2023</u>
Steam Production	\$2,274,824	\$3,076,756
Other Production	4,921,348	995,408
Heskett Unit IV Gas Turbine	<u>0</u>	<u>0</u>
Total Production	\$7,196,172	\$4,072,164
Transmission	\$15,619,412	\$10,567,106
Distribution	\$18,939,459	\$16,440,755
General		
Other	\$2,399,781	\$1,996,863
Structures & Improvements	2,433,963	0
Vehicles	1,127,449	655,143
Work Equipment	<u>966,218</u>	<u>1,376,983</u>
Total General	\$6,927,411	\$4,028,989
General - Intangible	\$937,244	\$2,393,942
Common		
Other	\$1,295,708	\$1,756,506
Structures & Improvements	347,766	637,489
Computer Equipment	340,508	409,368
Vehicles	<u>186,206</u>	<u>324,785</u>
Total Common	\$2,170,188	\$3,128,148
Common - Intangible	\$716,690	\$2,379,004
Total Additions	<u><u>\$52,506,576</u></u>	<u><u>\$43,010,108</u></u>

**MONTANA-DAKOTA UTILITIES CO.  
PLANT ADDITIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2022**

Project No.	Acct.	Description	2022 Plant Additions
<b><u>Steam Production</u></b>			
<b>Coyote</b>			
FP-100757	312	Minor Construction Projects	\$300,881
FP-302230	312	Replace Controls	137,859
FP-311351	312	Replace Cooling Tower	648,494
FP-318362	312	Replace Air Heater Cold End Basket	93,539
FP-318364	312	Replace Baghouse Bag	84,408
FP-319759	312	Replace Boiler Insulation	164,202
FP-100710	316	Minor Work Equipment	39,043
FP-318374	316	Upgrade Evergreen Ovation	26,864
Total Coyote			<u>\$1,495,290</u>
<b>Big Stone</b>			
FP-100759	312	Minor Construction Projects	\$217,094
FP-315385	312	Replace Sootblower	31,831
FP-318402	312	Replace Conveyor Belt	7,924
FP-318406	312	Replace Fan Motor Rewind	75,532
FP-321442	312	Replace Scrubber Outlet Dampers	141,933
FP-318431	112	Stack Elevator	101,543
Various	316	Minor Work Equipment	157,430
Total Big Stone			<u>\$733,287</u>
<b>Lewis &amp; Clark Unit I</b>			
FP-317552	311	Savage Landfill Final Capping	\$46,247
Total Steam Production			<u>\$2,274,824</u>
<b><u>Other Production</u></b>			
<b>Glendive Turbine Unit 1</b>			
FP-100881	344	Minor Construction Projects	\$146,906
FP-100888	346	Minor Work Equipment	14,328
Total Glendive Turbine Unit 1			<u>\$161,234</u>
<b>Miles City Turbine</b>			
FP-100880	344	Minor Construction Projects	\$134,664
FP-100883	346	Minor Work Equipment	7,164
Total Miles City Turbine			<u>\$141,828</u>
<b>Ormat</b>			
FP-100878	344	Minor Construction Projects	\$122,422
<b>Lewis &amp; Clark Unit II RICE</b>			
FP-318827	341	Construct New Office Building	\$1,288,773
FP-318855	341	Upgrade Cold Storage	134,917
FP-318603	344	Minor Construction Projects	163,230
FP-321291	344	Upgrade Recondition Heads & Valves	158,333
FP-318601	346	Minor Work Equipment	7,164
FP-319716	346	Replace Wartsilla Engine Control	440,999
Total Lewis & Clark Unit II RICE			<u>\$2,193,416</u>

**MONTANA-DAKOTA UTILITIES CO.  
PLANT ADDITIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2022**

Project No.	Acct.	Description	2022 Plant Additions
<b>Heskett Unit III Gas Turbine</b>			
FP-318880	341	Shop Modification	\$355,571
FP-319593	344	Minor Construction Projects	163,230
FP-319592	346	Minor Work Equipment	7,164
FP-321066	346	Purchase Wheel Loader	143,276
FP-320773	346	Water Pipeline for Fire Protection	1,633,207
		Total Heskett Unit III Gas Turbine	<u>\$2,302,448</u>
		Total Other Production	<u>\$4,921,348</u>
<b><u>Transmission</u></b>			
FP-316492	353	Install Switcher at Gascoyne Substation	\$324,972
FP-319181	353	Add 230 kV Bay to Baker Substation	18,588
FP-319182	353	Construct Bay Cabin Creek 230/60 kV Substation	185,795
FP-319594	353	Electric Communication Equipment	311,190
FP-320173	353	Rebuild Beulah 115/41.6 kV Substation	4,883,162
Various	353	Install ICON Nodes	190,553
FP-321708	353	Linton Substation Demolition	375,000
FP-321712	353	Leola Gate Replacement	61,567
FP-321824	353	Transformer Repair - Dickinson	548,143
FP-322057	353	PCB Replacement - Bowman	283,991
FP-100108	353	Upgrade PCB	15,675
FP-321710	353	Replace Gate - Foxtail	83,223
		Total Account 353	<u>\$7,281,859</u>
FP-302569	355	Crosby to Alamo Rebuild- Phase 1	\$2,110,983
FP-318214	355	Extend Line to Watford City Substation	1,017,025
Various	355	Reroute Line to New Beulah Substation	1,517,808
Various	355	Construct Transmission Tap	1,178,398
FP-320314	355	Construct Tap Line - Hazelton	75,947
FP-321739	355	Tie Line	149,249
FP-300152	355	Reroute Beulah to Heskett	12,834
FP-304700	355	Reroute Line - Williston	1,399
FP-319110	355	Construct New Line for Heskett Unit IV	545,597
		Total Account 355	<u>\$6,609,240</u>
Various	356	Minor Transmission Line Projects	\$597,220
FP-316204	356	Rebuild Watford City 34.5 kV Line	841,867
FP-316380	356	Install Motor Operators and Fault Indicators	289,226
		Total Account 356	<u>\$1,728,313</u>
		Total Transmission	<u>\$15,619,412</u>
<b><u>Distribution</u></b>			
FP-101541	362	Purchase Substation Automation	\$749,585
Various	362	Minor Distribution Substations	516,824
Various	362	Replace Transformers	1,140,671
FP-316186	362	Install Transformer Mandan Substation	1,296,254
FP-317201	362	Rebuild Substation - Beulah	349,338
FP-317252	362	Rebuild Substation - Watford City	354,993

**MONTANA-DAKOTA UTILITIES CO.  
PLANT ADDITIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2022**

Project No.	Acct.	Description	2022 Plant Additions
FP-320388	362	Replace Substation- Portal	\$10,577
FP-317254	362	Construct New Substation - Williston North	1,009,773
Various	362	Construct New Substation - Linton	816,220
FP-321680	362	Construct New Substation - Scranton	758,206
FP-321683	362	Construct New Substation - Lehr	291,480
FP-315469	362	Construct New Substation - Hazelton	617,556
FP-319018	362	Construct New Substation - Regent	237,436
FP-321671	362	Replace Regulators - Bismarck	115,090
Various	362	Replace Transformer & Regulators - Bismarck	411,006
FP-321318	362	Purchase Transformer Hague Substation	135,817
		Total Account 362	<u>\$8,810,826</u>
Various	365	Replace Overhead Lines	\$672,549
FP-321272	365	Replace Recloser - Bismarck	27,564
		Total Account 365	<u>\$700,113</u>
Various	367	Lines Growth	\$1,636,613
Various	367	Lines Replace	2,503,730
Various	367	Install Underground Lines	577,595
FP-315971	367	Rebuild 12.5kV Line	75,475
Various	367	Replace Underground Lines	665,558
FP-319696	367	Install Circuits	755,419
FP-321247	367	Install New Circuit	234,152
		Total Account 367	<u>\$6,448,542</u>
FP-301340	368	Purchase Transformers	\$1,659,090
FP-311736	368	Replace PCB Transformers	151,561
		Total Account 368	<u>\$1,810,651</u>
Various	369	Service Lines Growth	\$656,368
Various	369	Service Lines Replacement	139,320
		Total Account 369	<u>\$795,688</u>
FP-100794	370	Meters	\$247,878
Various	373	Street & Yard Lights	\$125,761
		Total Distribution	<u>\$18,939,459</u>
		<b><u>General</u></b>	
FP-316875	390	Construct New Office and Shop Beulah	\$249,955
FP-317154	390	Build New Warehouse Kenmare	1,220,000
FP-319040	390	Purchase Fence Kenmare	64,670
FP-321140	390	Build Equipment Storage/Training Facility - Bismarck	347,622
FP-321632	390	Install Building Access System Kenmare	20,162
FP-321685	390	Construct Substation Shop - Glendive	531,554
		Total Account 390	<u>\$2,433,963</u>

**MONTANA-DAKOTA UTILITIES CO.  
PLANT ADDITIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2022**

Project No.	Acct.	Description	2022 Plant Additions
FP-319116	391.1	Purchase Office Furniture Kenmare	\$16,129
FP-321536	391.5	Install Dragos Hardware Sensor	8,816
		Total Office & Computer Equipment	\$24,945
Various	392.2	Vehicles	\$1,127,449
FP-321203	393	Purchase Pallet Rack and Shelving	\$14,112
FP-311912	394.1	Minor Work Equipment Substation	\$108,500
FP-318212	394.1	Communications Equipment/Tools	13,562
FP-320795	394.1	Purchase Power Recorder	16,130
FP-320990	394.1	Purchase Pole Top Rescue Dummy	2,016
FP-320992	394.1	Purchase Infrared Camera	10,081
FP-320994	394.1	Purchase Phasing Stick	3,528
FP-321108	394.1	Purchase Bantam Meter Test	20,162
FP-321112	394.1	Purchase Crimping Tool	1,008
FP-321142	394.1	Improvements for Bismarck Electric Training Yard	25,202
FP-321145	394.1	Purchase Transformers for TransBanker	18,650
FP-321159	394.1	Purchase Tools for Bismarck Electric Training Yard	14,315
FP-321258	394.1	Purchase Bird Dog Site Tester	10,081
FP-321262	394.1	Purchase High Voltage Kit	4,436
FP-321264	394.1	Purchase Single Phase Load Box	3,831
FP-321277	394.1	Purchase Neutral Testers	5,041
FP-321367	394.1	Purchase Regulator Neutral Tester	2,621
FP-321370	394.1	Purchase 6 Ton Battery Compression Tools	5,545
FP-321380	394.1	Purchase 12 Ton Battery Compression Tools	8,065
FP-321564	394.1	Purchase 12 Ton Squeeze Tool	6,553
		Total Account 394.1	\$279,327
FP-100825	396.2	Work Equipment	\$486,218
FP-321058	396.2	Purchase Digger Derrick	280,000
FP-321062	396.2	Purchase TA60 Bucket	200,000
		Total Account 396.2	\$966,218
FP-316913	397.1	SCADA/Fixed Network Equipment	\$278,709
FP-316490	397.2	Replace Mobile Radio System	1,545,136
FP-318455	397.6	Upgrade OSI EMS SCADA	179,200
Various	397.8	Network Equipment	37,524
FP-319117	397.8	Install New Network Kenmare	30,243
		Total Mobile Radio/Telephone Equipment	\$2,070,812
FP-320958	398	Purchase Fit Test Equipment	\$10,585
		Total General	\$6,927,411
		<b><u>General - Intangible</u></b>	
FP-317026	303	Upgrade Distribution SCADA System	\$746,553
FP-318714	303	Install DMS & SCADA Software	100,293
FP-312056	303	Upgrade GIS Data Addition SCADA	76,662

**MONTANA-DAKOTA UTILITIES CO.  
PLANT ADDITIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2022**

<u>Project No.</u>	<u>Acct.</u>	<u>Description</u>	<u>2022 Plant Additions</u>
FP-321508	303	Upgrade TRI Software	\$13,736
		Total General - Intangible	\$937,244
		<b><u>Common</u></b>	
FP-317030	390	Replace Ceiling Tiles	\$62,407
FP-317098	390	Replace Office Lighting with LED	30,549
FP-318336	390	Remodel Restrooms	199,813
FP-321158	390	Replace Garage Doors & Openers	17,010
FP-321171	390	Replace Humidifier	7,873
FP-321172	390	Replace Exhaust Fans	7,897
FP-321345	390	Replace Warehouse Lighting with LED	22,217
		Total Account 390	\$347,766
Various	391.1	Office Equipment	\$103,512
FP-100014	391.3	Toughbook Replacements	\$28,804
FP-100756	391.3	Computer Equipment	142,424
FP-311597	391.3	Itron Mobile Radio	7,785
FP-321635	391.3	Macbook PRO Replacements	2,335
FP-317563	391.5	Implement Work Asset Management Hardware	81,214
FP-321429	391.5	SAN Replacement	39,022
FP-321489	391.5	PowerSprint Server Replacement	38,924
		Total Office & Computer Equipment	\$340,508
Various	392.2	Vehicles	\$186,206
FP-318216	394.1	Communication Equipment and Tools	\$23,355
FP-321196	394.1	Purchase Locator	4,791
		Total Account 394.1	\$28,146
FP-100744	397.1	Communication Equipment	\$79,990
FP-318189	397.1	Fixed Network Equipment	79,406
FP-316128	397.2	Replace Mobile Radio System	886,908
FP-318205	397.8	IT Network Equipment	50,602
		Total Account 397	\$1,096,906
FP-319679	398	Purchase Printer	\$67,144
		Total Common	\$2,170,188
		<b><u>Common - Intangible</u></b>	
FP-100575	303	Customer Self Service Web	\$38,177
FP-316051	303	Replace GIS Landbase	462,457
FP-319697	303	Upgrade CC&B	114,348
FP-321271	303	Create New Datasets for ThroughSpot	74,099
FP-321576	303	Bottomline Transform Licenses	5,839
FP-321785	303	Install Powerplan Patch	21,770
		Total Common - Intangible	\$716,690
		Total 2022 Plant Additions	\$52,506,576

**MONTANA-DAKOTA UTILITIES CO.  
PLANT ADDITIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2023**

<u>Project No.</u>	<u>Acct.</u>	<u>Description</u>	<u>2023 Plant Additions</u>
<b><u>Steam Production</u></b>			
<b>Coyote</b>			
FP-318387	311	Add Blue Pit Capping and Phase Development	\$217,872
FP-100757	312	Minor Construction Projects	238,253
FP-318363	312	Replace Sootblowers	78,949
FP-318364	312	Replace Baghouse Bag	82,454
FP-100710	316	Minor Work Equipment	36,392
		Total Coyote	<u>\$653,920</u>
<b>Big Stone</b>			
FP-100759	312	Minor Construction Projects	\$165,505
FP-315385	312	Replace Sootblower	31,207
FP-318402	312	Replace Conveyor Belt	12,455
FP-321441	312	Transferhouse to Stockpile Conveyor	151,470
FP-100717	316	Minor Work Equipment	19,615
		Total Big Stone	<u>\$380,252</u>
<b>Lewis &amp; Clark Unit I</b>			
FP-317552	311	Savage Landfill Final Capping	\$767,783
<b>Heskett Units I &amp; II</b>			
FP-316970	312	Final Ash Slot Capping	\$1,274,801
		Total Steam Production	<u>\$3,076,756</u>
<b><u>Other Production</u></b>			
<b>Glendive Turbine Unit 1</b>			
FP-100881	344	Minor Construction Projects	\$172,015
FP-100888	346	Minor Work Equipment	14,342
		Total Glendive Turbine Unit 1	<u>\$186,357</u>
<b>Miles City Turbine</b>			
FP-100880	344	Minor Construction Projects	\$88,106
FP-100883	346	Minor Work Equipment	7,171
		Total Miles City Turbine	<u>\$95,277</u>
<b>Ormat</b>			
FP-100878	344	Minor Construction Projects	\$146,843
<b>Lewis &amp; Clark Unit II RICE</b>			
FP-318835	341	Paving to New Building	\$167,821
FP-318603	344	Minor Construction Projects	167,821
FP-318601	346	Minor Work Equipment	7,171
		Total Lewis & Clark II RICE	<u>\$342,813</u>
<b>Heskett Unit III Gas Turbine</b>			
FP-319593	344	Minor Construction Projects	\$209,776
FP-319592	346	Minor Work Equipment	14,342
		Total Heskett Unit III Gas Turbine	<u>\$224,118</u>
		Total Other Production	<u>\$995,408</u>

**MONTANA-DAKOTA UTILITIES CO.  
PLANT ADDITIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2023**

Project No.	Acct.	Description	2023 Plant Additions
<b><u>Transmission</u></b>			
FP-316384	353	Replace Fence	\$591,305
FP-319594	353	Communication Equipment	286,582
FP-200224	353	Replace Relay - Tioga	16,028
FP-322015	353	Construct New Bay	535,513
		Total Account 353	<u>\$1,429,428</u>
FP-307501	355	Crosby to Alamo Rebuild- Phase 2	\$1,548,187
FP-318491	355	Rebuild Line Haliday - Haliday Junction	3,763,745
FP-317237	355	Build 115kV Line to Heskett Unit III	775,511
FP-318214	355	Extend Line to Watford City Substation	295,200
Various	355	Reroute Line	1,401,458
Various	355	Reroute Line to New Beulah Substation	400,000
		Total Account 355	<u>\$8,184,101</u>
FP-100052	356	Install Lightning Protection	\$339,561
Various	356	Minor Transmission Lines	614,016
		Total Account 356	<u>\$953,577</u>
		Total Transmission	<u>\$10,567,106</u>
<b><u>Distribution</u></b>			
FP-100473	362	Install Substation Williston	\$1,364,360
FP-307655	362	Purchase Mobile Substation	2,397,849
Various	362	Minor Substations Projects	531,360
FP-101541	362	Purchase Substation Automation	770,667
FP-312174	362	Construct Fox Hill Substation - Watford City	118,384
FP-315478	362	Add Transformer - Mandan	954,683
Various	362	Replace Transformers	590,400
FP-317204	362	Rebuild Glen Ullin Substation	298,015
FP-317203	362	Rebuild Sterling Substation	297,478
		Total Account 362	<u>\$7,323,196</u>
FP-321250	364	Convert 4KV Circuits - Bismarck	\$174,224
Various	367	Lines Growth	\$1,971,936
Various	367	Lines Replace	2,408,832
FP-302488	367	Install Circuit - Bismarck	118,520
Various	367	Replace Underground Lines	279,448
Various	367	Install Underground Lines	415,059
FP-319934	367	Install Underground Feeder - Bismarck	\$179,367
FP-315971	367	Rebuild 12.5KV Line - Napoleon	59,573
FP-317023	367	Replace Overhead to Underground Lines - Dawson	102,943
FP-321304	367	Replace Underground Lines & Poles - Mandan	111,196
FP-321654	367	Install Underground to Loop Heskett	206,640
		Total Account 367	<u>\$5,853,514</u>
FP-301340	368	Purchase Electric Transformers	\$1,696,459
FP-311736	368	Replace PCB Transformers	108,003
		Total Account 368	<u>\$1,804,462</u>

**MONTANA-DAKOTA UTILITIES CO.  
PLANT ADDITIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2023**

Project No.	Acct.	Description	2023 Plant Additions
Various	369	Service Line Growth	\$738,000
Various	369	Replace Service Line	153,504
		Total Account 369	<u>\$891,504</u>
FP-100794	370	Meters	\$258,653
Various	373	Street & Yard Lights	\$135,202
		Total Distribution	<u>\$16,440,755</u>
		<b><u>General</u></b>	
FP-100810	392.2	Vehicles	\$655,143
Various	394.1	Minor Work Equipment	\$214,564
FP-318212	394.1	Communications Equipment/Tools	13,576
		Total Account 394.1	<u>\$228,140</u>
FP-100825	396.2	Work Equipment	\$1,376,983
FP-316913	397.1	SCADA/Fixed Network Equipment	\$146,620
FP-316490	397.2	Replace Mobile Radio System	1,588,591
Various	397.8	IT Network Equipment	33,512
		Total Mobile Radio/Telephone Equipment	<u>\$1,768,723</u>
		Total General	<u>\$4,028,989</u>
		<b><u>General - Intangible</u></b>	
FP-312056	303	Upgrade GIS Data Addition SCADA	\$77,616
FP-316300	303	Install Outage Management System	2,146,511
FP-319703	303	Purchase Verve Ap	156,002
FP-321700	303	Upgrade TRI Software	13,813
		Total General - Intangible	<u>\$2,393,942</u>
		<b><u>Common</u></b>	
FP-316843	390	Replace Outdoor Lights with LED	\$18,070
FP-317038	390	Install Automated Gates	105,035
FP-318350	390	Install Sprinkler System	85,899
FP-318837	390	Replace Carpet	15,289
FP-319185	390	Add Storage Building and Substation Shop - Bismarck	212,184
FP-319788	390	Construct New Office/Warehouse - Linton	\$139,756
FP-320197	390	Remodel Engineering Area	61,256
		Total Account 390	<u>\$637,489</u>
FP-100755	391.1	Office Furniture & Equipment	\$95,441
FP-100014	391.3	Toughbook Replacements	28,833
FP-100756	391.3	Personal Computers & Peripherals	145,332
FP-311597	391.3	Itron Mobile Radio (IMR)	3,896
FP-317563	391.5	Implement Work Asset Management Hardware	74,489
FP-321633	391.5	Upgrade Conference Room Projectors	61,377
		Total Office & Computer Equipment	<u>\$409,368</u>

**MONTANA-DAKOTA UTILITIES CO.  
PLANT ADDITIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2023**

<u>Project No.</u>	<u>Acct.</u>	<u>Description</u>	<u>2023 Plant Additions</u>
FP-100719	392.2	Vehicles	\$324,785
FP-317746	394.1	Tools & Minor Equipment	\$14,461
FP-318216	394.1	Communication Equipment/Tools	23,378
		Total Account 394.1	<u>\$37,839</u>
FP-100744	397.1	Communication Equipment	\$78,510
FP-318189	397.1	Fixed Network Equipment	24,936
FP-316128	397.2	Replace Mobile Radio System	1,595,740
FP-318205	397.8	IT Network Equipment	19,481
		Total Account 397	<u>\$1,718,667</u>
		Total Common	<u>\$3,128,148</u>
		<b><u>Common - Intangible</u></b>	
FP-100550	303	Upgrade Work Asset Management	\$2,159,275
FP-100575	303	Upgrade Customer Self Service Web/IVR	37,711
FP-321271	303	Create New Datasets for ThoughtSpot	33,993
FP-321544	303	Upgrade Powerplan Production	148,025
		Total Common - Intangible	<u>\$2,379,004</u>
		Total 2023 Plant Additions	<u><u>\$43,010,108</u></u>

**MONTANA-DAKOTA UTILITIES CO.  
ACCUMULATED RESERVE FOR DEPRECIATION - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Adjusted Per Books 2021 Reserve	Adjusted Average 2021 Reserve	Projected 2022 1/	Average 2022	Projected 2023 2/	Average 2023
Steam Production	\$99,383,549	\$100,423,323	\$100,247,226	\$99,815,388	\$101,116,506	\$100,681,866
Other Production	30,402,978	29,156,914	33,381,775	31,892,377	36,416,930	34,899,353
Heskett Unit IV Gas Turbine	0	0	0	0	0	0
Total Production	<u>\$129,786,527</u>	<u>\$129,580,237</u>	<u>\$133,629,001</u>	<u>\$131,707,765</u>	<u>\$137,533,436</u>	<u>\$135,581,219</u>
Transmission	63,550,092	70,043,237	61,719,242	62,634,667	61,189,780	61,454,511
Distribution	93,098,025	92,609,096	97,172,557	95,135,291	101,413,552	99,293,055
General	7,164,685	6,819,690	7,207,994	7,186,341	7,110,135	7,159,066
General - Intangible	3,734,670	3,497,019	4,756,924	4,245,797	6,199,028	5,477,976
Common	12,807,353	12,428,463	13,345,222	13,076,288	13,999,914	13,672,569
Common - Intangible	11,577,468	12,154,423	13,060,158	12,318,813	14,695,799	13,877,979
Acquisition Adjustment	7,381,181	7,377,732	7,381,181	7,381,181	7,381,181	7,381,181
Amort. - Power Plant Decomm.	(14,250)	(264,250)	(14,250)	(14,250)	633,334	309,542
Total	<u><u>\$329,085,751</u></u>	<u><u>\$334,245,647</u></u>	<u><u>\$338,258,029</u></u>	<u><u>\$333,671,893</u></u>	<u><u>\$350,156,159</u></u>	<u><u>\$344,207,098</u></u>

1/ Statement H, Schedule H-2, page 1.

2/ Statement H, Schedule H-2, page 2.

**MONTANA-DAKOTA UTILITIES CO.  
ACCUMULATED RESERVE FOR DEPRECIATION - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

	Per Books 2021	Renewable Rider	Transmission Rider	Heskett Units 1 & 2 and Lewis & Clark Unit 1	Adjusted 2021 Reserve
Steam Production	\$191,414,735			\$92,031,186	\$99,383,549
Other Production	107,010,041	\$76,607,063			30,402,978
Total Production	<u>\$298,424,776</u>	<u>\$76,607,063</u>	<u>\$0</u>	<u>\$92,031,186</u>	<u>\$129,786,527</u>
Transmission	65,474,956	1,071,717	853,147		63,550,092
Distribution	93,098,025				93,098,025
General	7,164,685				7,164,685
General - Intangible	3,836,006		101,336		3,734,670
Common	12,807,353				12,807,353
Common - Intangible	11,577,468				11,577,468
Acquisition Adjustment	7,381,181				7,381,181
Amort. - Power Plant Decommissioning	<u>(14,250)</u>				<u>(14,250)</u>
Total Plant Reserve	<u><u>\$499,750,200</u></u>	<u><u>\$77,678,780</u></u>	<u><u>\$954,483</u></u>	<u><u>\$92,031,186</u></u>	<u><u>\$329,085,751</u></u>

**MONTANA-DAKOTA UTILITIES CO.  
SUMMARY OF WORKING CAPITAL AND  
CUSTOMER ADVANCES FOR CONSTRUCTION - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

<u>Average Working Capital</u>	Average	Average	Projected		Reference
	2021	Adjusted 2021	2022	2023	
Materials and Supplies	\$13,553,047	\$13,553,047	\$13,868,468	\$13,868,468	Schedule D-1, Page 1
Fuel Stocks	2,161,846	2,161,846	1,960,046	1,960,046	Schedule D-1, Page 2
Prepaid Insurance	888,993	888,993	976,197	1,105,632	Schedule D-1, Page 3
Unamortized Loss on Debt	1,454,509	1,454,509	1,141,289	838,282	Schedule D-1, Page 4
Unamort. Redemption Cost of Pref. Stock	249,573	249,573	228,630	207,687	Schedule D-1, Page 5
(Gain)/Loss on Sale of Buildings	999,806	999,806	937,712	875,617	Schedule D-1, Page 6
Provision for Pension & Benefits	0	0	0	0	Schedule D-1, Page 7
Provision for Post Retirement	0	0	0	0	Schedule D-1, Page 8
Decommissioning of Retired Plants	(11,439)	(11,439)	0	0	Schedule D-1, Page 9
Renewable Rider Regulatory Liability 1/	(5,346,640)	0	0	0	Schedule D-1, Page 12
Lewis & Clark & Heskett Regulatory Asset	18,330,658	40,789,303	40,789,303	46,844,024	Schedule D-1, Page 11
Total Average Working Capital	<u>\$32,280,353</u>	<u>\$60,085,638</u>	<u>\$59,901,645</u>	<u>\$65,699,756</u>	
Accumulated Investment Tax Credits 1/	(6,149,237)	0	0	0	
Customer Advances for Construction	<u>(\$1,513,927)</u>	<u>(\$1,513,927)</u>	<u>(\$1,447,877)</u>	<u>(\$1,447,877)</u>	Schedule D-1, Page 10

1/ Associated with the Renewable Rider, not included in the projected periods.

**MONTANA-DAKOTA UTILITIES CO.  
MATERIALS AND SUPPLIES - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Per Books	Projected 1/	
	<u>2021</u>	<u>2022</u>	<u>2023</u>
December 2020	\$12,070,343	\$16,170,813	\$16,170,813
January 2021	11,894,521	11,894,521	11,894,521
February	11,906,500	11,906,500	11,906,500
March	12,176,142	12,176,142	12,176,142
April	13,189,131	13,189,131	13,189,131
May	13,710,545	13,710,545	13,710,545
June	13,825,901	13,825,901	13,825,901
July	14,659,748	14,659,748	14,659,748
August	13,790,676	13,790,676	13,790,676
September	14,439,258	14,439,258	14,439,258
October	14,197,044	14,197,044	14,197,044
November	14,158,988	14,158,988	14,158,988
December	<u>16,170,813</u>	<u>16,170,813</u>	<u>16,170,813</u>
13 Month Average	<u>\$13,553,047</u>	<u>\$13,868,468</u>	<u>\$13,868,468</u>

1/ January 2022 through December 2023 are based on prior period actual results.

**MONTANA-DAKOTA UTILITIES CO.  
FUEL STOCKS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Per Books 2021	Projected 1/	
	<u>2021</u>	<u>2022</u>	<u>2023</u>
December 2020	\$2,386,207	\$2,797,385	\$2,797,385
January 2021	2,306,937	1,739,721	1,739,721
February	1,979,145	1,460,958	1,460,958
March	2,307,454	1,840,092	1,840,092
April	2,197,884	1,940,406	1,940,406
May	2,086,734	1,853,957	1,853,957
June	1,918,910	1,756,946	1,756,946
July	1,514,636	1,492,030	1,492,030
August	1,684,481	1,490,390	1,490,390
September	1,806,401	1,620,480	1,620,480
October	2,273,239	2,136,462	2,136,462
November	2,744,593	2,554,385	2,554,385
December	<u>2,897,375</u>	<u>2,797,385</u>	<u>2,797,385</u>
13 Month Average	<u>\$2,161,846</u>	<u>\$1,960,046</u>	<u>\$1,960,046</u>

1/ January 2022 through December 2023 are based on prior period actual results excluding Heskett Units I & II and Lewis & Clark Unit I.

**MONTANA-DAKOTA UTILITIES CO.  
PREPAID INSURANCE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Per Books	Projected 1/	
	2021	2022	2023
December 2020	\$200,379	\$252,465	\$267,701
January 2021	1,580,089	1,764,046	2,018,061
February	1,415,418	1,579,332	1,807,212
March	1,261,108	1,394,618	1,596,363
April	1,409,514	1,561,118	1,772,687
May	1,240,913	1,372,953	1,558,880
June	1,070,491	1,184,788	1,345,073
July	901,598	996,623	1,131,266
August	713,686	808,458	917,459
September	547,295	620,293	703,652
October	380,904	432,132	489,849
November	583,053	456,031	489,025
December	252,465	267,701	275,990
13 Month Average	<u>\$888,993</u>	<u>\$976,197</u>	<u>\$1,105,632</u>

1/ January 2022 through December 2023 are based on projected insurance expenses.

**MONTANA-DAKOTA UTILITIES CO.  
UNAMORTIZED (GAIN)LOSS ON DEBT - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Unamortized Loss on Debt	Acc. Deferred Inc. Tax
	<u>                    </u>	<u>                    </u>
Balance at December 31, 2020	\$1,616,225	(\$395,230)
Balance at December 31, 2021	1,292,793	(316,293)
Average Balance	<u>\$1,454,509</u>	<u>(\$355,762)</u>
2022 Amortization	(303,007)	74,146
Balance at December 31, 2022	989,786	(242,147)
Average Balance	<u>\$1,141,289</u>	<u>(\$279,220)</u>
2023 Amortization	(303,007)	74,146
Balance at December 31, 2023	686,779	(168,001)
Average Balance	<u>\$838,282</u>	<u>(\$205,074)</u>

**MONTANA-DAKOTA UTILITIES CO  
UNAMORTIZED REDEMPTION OF PREFERRED STOCK COST - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	<u>Unamortized Loss on Preferred Stock</u>
Balance at December 31, 2020	\$260,044
Balance at December 31, 2021	239,101
Average Balance	<u>\$249,573</u>
2022 Amortization	(20,943)
Balance at December 31, 2022	218,158
Average Balance	<u>\$228,630</u>
2023 Amortization 1/	(20,943)
Balance at December 31, 2023	197,215
Average Balance	<u>\$207,687</u>

1/ Amortization period of 15 years.

**MONTANA-DAKOTA UTILITIES CO.  
(GAIN)/LOSS ON SALE OF BUILDINGS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	<u>(Gain)/Loss on Building Sale</u>	<u>Acc. Deferred Inc. Tax</u>
Balance at December 31, 2020	\$1,030,853	(\$251,579)
Balance at December 31, 2021	968,759	(236,425)
Average Balance	<u>\$999,806</u>	<u>(\$244,002)</u>
2022 Amortization 1/	(62,095)	15,151
Balance at December 31, 2022	906,664	(221,274)
Average Balance	<u>\$937,712</u>	<u>(\$228,850)</u>
2023 Amortization 1/	(62,095)	15,151
Balance at December 31, 2023	844,569	(206,123)
Average Balance	<u>\$875,617</u>	<u>(\$213,699)</u>

1/ Amortization period of 20 years.

**MONTANA-DAKOTA UTILITIES CO.  
PROVISION FOR PENSIONS AND BENEFITS  
ACCUMULATED DEFERRED INCOME TAXES ON PENSIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	<u>Total</u>	<u>Provision for Pensions and Benefits</u>	<u>DIT on Pensions and Benefits</u>
Balance at December 31, 2020	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Balance at December 31, 2021	<u>0</u>	<u>0</u>	<u>0</u>
Average Balance 2021	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>
Balance at December 31, 2022	<u>          </u>	<u>          </u>	<u>          </u>
Average Balance 2022	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>
Balance at December 31, 2023	<u>          </u>	<u>          </u>	<u>          </u>
Average Balance 2023	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>

**MONTANA-DAKOTA UTILITIES CO.  
PROVISION FOR POST RETIREMENT  
ACCUMULATED DEFERRED POST RETIREMENT - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Total	Provision for Post Retirement	DIT for Post Retirement
Balance at December 31, 2020	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Balance at December 31, 2021	<u>0</u>	<u>0</u>	<u>0</u>
Average Balance 2021	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>
Balance at December 31, 2022	<u>          </u>	<u>          </u>	<u>          </u>
Average Balance 2022	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>
Balance at December 31, 2023	<u>          </u>	<u>          </u>	<u>          </u>
Average Balance 2023	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
DECOMMISSIONING OF RETIRED PLANTS - INTERIM  
TWELVE MONTHS ENDED DECEMBER 31, 2021  
PROJECTED 2022-2023**

	North Dakota	DIT for Retired Plants
Balance at December 31, 2020	<u>(\$22,878)</u>	<u>(\$5,582)</u>
Balance at December 31, 2021	<u>0</u>	<u>0</u>
Average Balance 2021	<u>(\$11,439)</u>	<u>(\$2,791)</u>
Amortization 1/	<u>0</u>	<u>0</u>
Balance at December 31, 2022	<u>0</u>	<u>0</u>
Average Balance 2022	<u>\$0</u>	<u>\$0</u>
Amortization 1/	<u>0</u>	<u>0</u>
Balance at December 31, 2023	<u>0</u>	<u>0</u>
Average Balance 2023	<u>\$0</u>	<u>\$0</u>

1/ Amortization of balance complete in 2021.

**MONTANA-DAKOTA UTILITIES CO.  
CUSTOMER ADVANCES FOR CONSTRUCTION - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Per Books 2021	Projected 1/	
	<u>2021</u>	<u>2022</u>	<u>2023</u>
December 2020	(\$2,051,080)	(\$1,192,431)	(\$1,192,431)
January 2021	(2,035,305)	(2,035,305)	(2,035,305)
February	(2,035,305)	(2,035,305)	(2,035,305)
March	(1,510,687)	(1,510,687)	(1,510,687)
April	(1,362,652)	(1,362,652)	(1,362,652)
May	(1,363,730)	(1,363,730)	(1,363,730)
June	(1,408,750)	(1,408,750)	(1,408,750)
July	(1,408,750)	(1,408,750)	(1,408,750)
August	(1,410,275)	(1,410,275)	(1,410,275)
September	(1,365,878)	(1,365,878)	(1,365,878)
October	(1,247,365)	(1,247,365)	(1,247,365)
November	(1,288,842)	(1,288,842)	(1,288,842)
December	<u>(1,192,431)</u>	<u>(1,192,431)</u>	<u>(1,192,431)</u>
13 Month Average	<u>(\$1,513,927)</u>	<u>(\$1,447,877)</u>	<u>(\$1,447,877)</u>
ADIT	\$500,577	\$291,012 2/	\$291,012 2/

1/ January 2022 through December 2023 are based on prior period actual results.

2/ Based on projected year end balance.

**MONTANA-DAKOTA UTILITIES CO.**  
**LEWIS & CLARK UNIT I & HESKETT UNITS I & II REGULATORY ASSET - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**TWELVE MONTHS ENDING DECEMBER 31, 2021**

	Per Books	Projected 1/	
	2021	2022	2023
December 2020	\$0	\$25,931,895	\$48,532,315
January 2021	0	25,508,370	47,268,335
February	0	25,169,121	47,224,959
March	0	45,812,974	47,795,822
April	27,581,379	44,523,353	47,539,876
May	27,263,982	43,821,607	47,282,364
June	26,920,918	43,732,719	47,010,482
July	26,448,692	43,170,822	46,736,689
August	26,158,892	44,501,593	46,460,973
September	25,918,661	45,242,972	46,183,329
October	25,910,983	45,892,908	45,903,671
November	26,163,150	48,420,284	45,621,986
December	25,931,895	48,532,315	45,411,507
13 Month Average	<u>\$18,330,658</u>	<u>\$40,789,303</u>	<u>\$46,844,024</u>

1/ Projected Heskett Unit I & II Regulatory Asset amortization begins March 2022.

**MONTANA-DAKOTA UTILITIES CO.  
RENEWABLE RIDER REGULATORY LIABILITY - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021**

	Per Books 2021
December 2020	(\$2,891,820)
January 2021	(3,335,575)
February	(3,767,753)
March	(4,234,153)
April	(4,606,928)
May	(4,928,589)
June	(5,308,494)
July	(5,727,540)
August	(6,189,321)
September	(6,573,294)
October	(6,935,190)
November	(7,282,415)
December	<u>(7,725,242)</u>
13 Month Average	<u><u>(\$5,346,640)</u></u>

**MONTANA-DAKOTA UTILITIES CO.**  
**AVERAGE UTILITY CAPITAL STRUCTURE - INTERIM**  
**TWELVE MONTHS ENDING DECEMBER 31, 2021**  
**PROJECTED 2022 - 2023**

	<u>Balance</u>	<u>Ratio</u>	<u>Cost</u>	<u>Required Return</u>
<b><u>Per Books 2021</u></b>				
Long-Term Debt	\$817,895,524	45.750%	4.464%	2.042%
Short-Term Debt	87,608,333	4.900%	0.689%	0.034%
Common Equity	882,266,299	49.350%	9.650%	4.762%
Total	<u>\$1,787,770,156</u>	<u>100.000%</u>		<u>6.838%</u>
<b><u>Projected 2022</u></b>				
Long-Term Debt	\$855,381,685	46.688%	4.506%	2.104%
Short-Term Debt	46,259,122	2.525%	3.079%	0.078%
Common Equity	930,461,809	50.787%	9.650%	4.901%
Total	<u>\$1,832,102,616</u>	<u>100.000%</u>		<u>7.083%</u>
<b><u>Projected 2023</u></b>				
Long-Term Debt	\$855,366,993	44.587%	4.503%	2.008%
Short-Term Debt	88,310,647	4.603%	3.684%	0.170%
Common Equity	974,746,912	50.810%	9.650%	4.903%
Total	<u>\$1,918,424,552</u>	<u>100.000%</u>		<u>7.081%</u>

**MONTANA-DAKOTA UTILITIES CO.  
SUMMARY OF REVENUES - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDED DECEMBER 31, 2021  
PROJECTED 2022 - 2023**

	Per Books 2021 1/	Adjusted 2021	Projected 2/	
			2022	2023
<u>Retail Sales</u>				
Residential	\$80,544,296	\$66,847,539	\$68,997,843	\$69,769,528
Small General	11,690,901	9,983,535	10,286,809	10,414,218
Large General	104,112,355	85,196,563	87,754,016	88,497,679
Municipal Lighting	1,137,108	937,863	969,807	980,235
Municipal Pumping	3,456,426	2,716,602	2,841,633	2,878,349
Outdoor Lighting	405,653	347,284	359,039	362,968
Unbilled Revenue	(7,350,507)	1,448,646		
Reserve for Refunds	(8)	(8)		
Total Sales	<u>\$193,996,224</u>	<u>\$167,478,024</u>	<u>\$171,209,147</u>	<u>\$172,902,977</u>
Sales for Resale 3/	\$ 1,185,619	\$ 1,185,619	\$ -	\$ -
<u>Other Revenue</u>				
Misc. Service Revenue	\$78,490	\$78,490	\$89,055	\$89,055
Rent from Property	2,666,413	2,666,413	2,627,759	2,627,759
Other Revenue	15,708,396	2,800,441	1,179,606	1,181,351
Total Other Revenue	<u>\$18,453,299</u>	<u>\$5,545,344</u>	<u>\$3,896,420</u>	<u>\$3,898,165</u>
Total Operating Revenue	<u><u>\$213,635,142</u></u>	<u><u>\$174,208,987</u></u>	<u><u>\$175,105,567</u></u>	<u><u>\$176,801,142</u></u>

1/ Per Books 2021 includes total revenue received, including the Generation Rider, Renewable Rider and the Transmission Rider.

2/ Projected revenue excludes the Riders.

3/ No projected sales for resale revenue is included as it is returned through the Fuel and Purchased Power Adjustment.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
RETAIL SALES REVENUES - INTERIM  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Per Books 2021	
	Kwh	Revenue
<u>Retail Sales</u>		
Residential	745,873,642	\$80,544,296
Small General	92,992,240	11,690,901
Large General	1,173,455,374	104,112,355
Municipal Lighting	13,308,332	1,137,108
Municipal Pumping	45,866,583	3,456,426
Outdoor Lighting	3,895,692	405,653
Unbilled Revenue		(7,350,507)
Reserve for Refunds		(8)
Total	<u>2,075,391,863</u>	<u>\$193,996,224</u>

	Per Books 2021 Revenue	Renewable Rider	Transmission Rider	Adjusted 2021
<u>Retail Sales</u>				
Residential	\$80,544,296	\$7,702,375	\$5,994,382	\$66,847,539
Small General	11,690,901	960,147	747,219	9,983,535
Large General	104,112,355	11,389,613	7,526,179	85,196,563
Municipal Lighting	1,137,108	157,553	41,692	937,863
Municipal Pumping	3,456,426	445,633	294,191	2,716,602
Outdoor Lighting	405,653	46,155	12,214	347,284
Unbilled Revenue	(7,350,507)	(6,079,237)	(2,719,916)	1,448,646
Reserve for Refunds	(8)			(8)
Total	<u>193,996,224</u>	<u>\$14,622,239</u>	<u>\$11,895,961</u>	<u>\$167,478,024</u>

	Projected 2022	
	Kwh	Revenue 1/
<u>Retail Sales</u>		
Residential	761,663,899	\$68,997,843
Small General	94,813,321	10,286,809
Large General	1,187,142,427	87,754,016
Municipal Lighting	13,308,332	969,807
Municipal Pumping	45,866,583	2,841,633
Outdoor Lighting	3,983,138	359,039
Total	<u>2,106,777,700</u>	<u>\$171,209,147</u>

	Projected 2023	
	Kwh	Revenue 1/
<u>Retail Sales</u>		
Residential	763,404,470	\$69,769,528
Small General	95,014,507	10,414,218
Large General	1,180,693,543	88,497,679
Municipal Lighting	13,308,332	980,235
Municipal Pumping	45,866,583	2,878,349
Outdoor Lighting	3,992,165	362,968
Total	<u>2,102,279,600</u>	<u>\$172,902,977</u>

1/ Projected revenue is based on projected Kwh at current rates excluding the current Rider rates. See Statement F, Schedule F-1, Pages 7-10.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM**

**Summary of Revenue Analysis by Tariffed Rate  
Twelve Months Ended December 31, 2021**

Rate Reporting Class	Summary of Total Revenue			
	Per Books	Current Rates	Projected 2022	Projected 2023
<b>Residential Service</b>				
Rate 10	\$80,526,800	\$69,609,410	\$68,983,960	\$69,755,486
Rate 13	10,926	8,948	8,623	8,727
Rate 16	6,570	5,433	5,260	5,315
<b>Total Residential</b>	<b>80,544,296</b>	<b>69,623,791</b>	<b>68,997,843</b>	<b>69,769,528</b>
<b>Small General Service</b>				
Rate 20	\$11,005,435	\$9,740,759	\$9,702,805	\$9,824,911
Rate 25	108,721	102,637	98,772	100,003
Rate 26	240,159	211,308	206,530	208,051
Rate 40	336,586	286,716	278,702	281,253
<b>Total Small General</b>	<b>11,690,901</b>	<b>10,341,420</b>	<b>10,286,809</b>	<b>10,414,218</b>
<b>General Service</b>				
Rate 30 Secondary	\$69,208,000	\$60,259,904	\$59,848,384	\$60,580,979
Rate 30 Primary	18,049,723	15,044,925	14,775,995	14,563,657
Rate 30 Contracts				
Tesoro	6,247,569	4,976,907	4,793,230	4,874,206
Sabin	1,820,892	1,467,133	1,416,601	1,438,878
Rate 31 Primary	192,459	160,620	156,011	158,043
Rate 31 Secondary	1,430,012	1,276,756	1,159,701	1,173,919
Rate 32 Secondary	4,330,733	3,617,943	3,553,797	3,608,230
Rate 34	0	0		
Rate 38	1,902,396	1,597,134	1,295,300	1,518,296
Capitol	725,126	592,069	573,115	581,471
Contract (Amer Coll)	205,445	187,622	181,882	0
<b>Total General</b>	<b>104,112,355</b>	<b>89,181,013</b>	<b>87,754,016</b>	<b>88,497,679</b>
<b>Municipal Lighting Service</b>				
Rate 41 Secondary	\$1,043,593	\$920,064	\$890,337	\$899,801
Rate 41 Primary	93,515	81,655	79,470	80,434
<b>Total Municipal Light</b>	<b>1,137,108</b>	<b>1,001,719</b>	<b>969,807</b>	<b>980,235</b>
<b>Municipal Pumping Service</b>				
Rate 48 Secondary	\$1,914,104	\$1,661,448	\$1,606,701	\$1,624,130
Rate 48 Primary	1,542,322	1,278,680	1,234,932	1,254,219
<b>Total Municipal Pumping</b>	<b>3,456,426</b>	<b>2,940,128</b>	<b>2,841,633</b>	<b>2,878,349</b>
<b>Outdoor Lighting Service</b>				
Rate 52 Secondary	\$402,279	\$357,702	\$356,126	\$360,027
Rate 52 Primary	3,374	2,976	2,913	2,941
<b>Total Outdoor Light</b>	<b>405,653</b>	<b>360,678</b>	<b>359,039</b>	<b>362,968</b>
<b>Total North Dakota</b>	<b>\$201,346,739</b>	<b>\$173,448,749</b>	<b>\$171,209,147</b>	<b>\$172,902,977</b>

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM**

**Summary of Revenue Analysis by Tariffed Rate  
Twelve Months Ended December 31, 2021**

Rate Reporting Class	Per Books 12/31/21			Per Books @ Current Rates		
	Billing Units	Kwh	Billed KW	Billing Units	Kwh	Billed KW
Residential Service						
Rate 10	79,576	745,670,271		79,576	745,670,271	
Rate 13	4	132,692		4	132,692	
Rate 16	4	70,679		4	70,679	
<b>Total Residential</b>	<b>79,584</b>	<b>745,873,642</b>		<b>79,584</b>	<b>745,873,642</b>	
Small General Service						
Rate 20	10,162	86,193,535		10,162	86,193,535	
Rate 25	49	1,577,312	10,040.6	49	1,577,312	10,040.6
Rate 26	270	1,950,557		270	1,950,557	
Rate 40	271	3,270,836	7,220.9	271	3,270,836	7,220.9
<b>Total Small General</b>	<b>10,752</b>	<b>92,992,240</b>	<b>17,261.5</b>	<b>10,752</b>	<b>92,992,240</b>	<b>17,261.5</b>
General Service						
Rate 30 Secondary	4,434	704,853,594	2,149,664.7	4,434	704,853,594	2,149,664.7
Rate 30 Primary	39	232,863,274	508,043.9	39	232,863,274	508,043.9
Rate 30 Contracts						
Tesoro	1	98,750,754	161,517.3	1	98,750,754	161,517.3
Sabin	1	27,167,840	55,224.9	1	27,167,840	55,224.9
Rate 31 Primary 1/	1	2,478,000	4,869.6	1	2,478,000	4,869.6
Rate 31 Secondary 1/	67	14,813,828	40,506.7	67	14,813,828	40,506.7
Rate 32 Secondary	587	55,908,784	264,206.2	587	55,908,784	264,206.2
Rate 34	0	0	0.0	0	0	0.0
Rate 38	3	23,342,800	79,946.9	3	23,342,800	79,946.9
Capitol	1	10,190,400	23,985.7	1	10,190,400	23,985.7
Contract (Amer Coll)	1	3,086,100	10,333.8	1	3,086,100	10,333.8
<b>Total General</b>	<b>5,135</b>	<b>1,173,455,374</b>	<b>3,298,299.7</b>	<b>5,135</b>	<b>1,173,455,374</b>	<b>3,298,299.7</b>
Municipal Lighting Service						
Rate 41 Secondary	598	12,133,777		598	12,133,777	
Rate 41 Primary	44	1,174,555		44	1,174,555	
<b>Total Municipal Light</b>	<b>642</b>	<b>13,308,332</b>		<b>642</b>	<b>13,308,332</b>	
Municipal Pumping Service						
Rate 48 Secondary	303	22,345,983	83,684.9	303	22,345,983	83,684.9
Rate 48 Primary	5	23,520,600	50,995.4	5	23,520,600	50,995.4
<b>Total Municipal Pumping</b>	<b>308</b>	<b>45,866,583</b>	<b>134,680.3</b>	<b>308</b>	<b>45,866,583</b>	<b>134,680.3</b>
Outdoor Lighting Service						
Rate 52 Secondary	2,495	3,861,611		2,495	3,861,611	
Rate 52 Primary	13	34,081		13	34,081	
<b>Total Outdoor Light</b>	<b>2,508</b>	<b>3,895,692</b>		<b>2,508</b>	<b>3,895,692</b>	
<b>Total North Dakota</b>	<b>98,929</b>	<b>2,075,391,863</b>	<b>3,450,241.5</b>	<b>98,929</b>	<b>2,075,391,863</b>	<b>3,450,241.5</b>

1/ Reflects on-peak Kw only as currently no off-peak demand charge.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM**

**Summary of Revenue Analysis by Tariffed Rate  
Twelve Months Ended December 31, 2021**

Rate Reporting Class	Projected 2022			Projected 2023		
	Billing Units	Kwh	Billed KW	Billing Units	Kwh	Billed KW
Residential Service						
Rate 10	79,868	761,460,528		80,161	763,201,099	
Rate 13	4	132,692		4	132,692	
Rate 16	4	70,679		4	70,679	
<b>Total Residential</b>	<b>79,876</b>	<b>761,663,899</b>		<b>80,169</b>	<b>763,404,470</b>	
Small General Service						
Rate 20	10,285	88,014,616		10,410	88,215,802	
Rate 25	49	1,577,312	10,040.6	49	1,577,312	10,040.6
Rate 26	270	1,950,557		270	1,950,557	
Rate 40	271	3,270,836	7,220.9	271	3,270,836	7,220.9
<b>Total Small General</b>	<b>10,875</b>	<b>94,813,321</b>	<b>17,261.5</b>	<b>11,000</b>	<b>95,014,507</b>	<b>17,261.5</b>
General Service						
Rate 30 Secondary	4,508	721,097,871	2,197,890.3	4,566	722,746,179	2,202,914.3
Rate 30 Primary	40	234,743,374	515,375.6	40	226,484,074	507,095.6
Rate 30 Contracts						
Tesoro	1	98,750,754	161,517.3	1	98,750,754	161,517.3
Sabin	1	27,167,840	55,224.9	1	27,167,840	55,224.9
Rate 31 Primary 1/	1	2,478,000	4,869.6	1	2,478,000	4,869.6
Rate 31 Secondary 1/	51	13,821,701	38,751.8	52	13,853,295	38,840.3
Rate 32 Secondary	595	57,096,787	269,820.9	603	57,227,301	270,437.7
Rate 34						
Rate 38	2	18,709,600	69,855.2	3	21,795,700	80,189.0
Capitol	1	10,190,400	23,985.7	1	10,190,400	23,985.7
Contract (Amer Coll)	1	3,086,100	10,333.8	0	0	0.0
<b>Total General</b>	<b>5,201</b>	<b>1,187,142,427</b>	<b>3,347,625.1</b>	<b>5,268</b>	<b>1,180,693,543</b>	<b>3,345,074.4</b>
Municipal Lighting Service						
Rate 41 Secondary	598	12,133,777		598	12,133,777	
Rate 41 Primary	44	1,174,555		44	1,174,555	
<b>Total Municipal Light</b>	<b>642</b>	<b>13,308,332</b>		<b>642</b>	<b>13,308,332</b>	
Municipal Pumping Service						
Rate 48 Secondary	303	22,345,983	83,684.9	303	22,345,983	83,684.9
Rate 48 Primary	5	23,520,600	50,995.4	5	23,520,600	50,995.4
<b>Total Municipal Pumping</b>	<b>308</b>	<b>45,866,583</b>	<b>134,680.3</b>	<b>308</b>	<b>45,866,583</b>	<b>134,680.3</b>
Outdoor Lighting Service						
Rate 52 Secondary	2,517	3,949,057		2,539	3,958,084	
Rate 52 Primary	13	34,081		13	34,081	
<b>Total Outdoor Light</b>	<b>2,530</b>	<b>3,983,138</b>		<b>2,552</b>	<b>3,992,165</b>	
<b>Total North Dakota</b>	<b>99,432</b>	<b>2,106,777,700</b>	<b>3,499,566.9</b>	<b>99,939</b>	<b>2,102,279,600</b>	<b>3,497,016.2</b>

1/ Reflects on-peak Kw only as currently no off-peak demand charge.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM**

**Summary of Projected Revenues and Billing Determinants  
Twelve Months Ended December 31, 2021**

<b>Projected 2023</b>									
Rate Reporting Class	Billing Units	Kwh	Billed KW	Basic Service Charge Revenue	Energy Revenue	Demand Revenue	FPPA	Rider Revenue 1/	Total Revenue
<b>Residential Service</b>									
Rate 10	80,161	763,201,099		\$13,459,178	\$37,765,785		\$17,103,337	\$1,427,186	\$69,755,486
Rate 13	4	132,692		1,095	4,410		2,974	248	8,727
Rate 16	4	70,679		1,095	2,504		1,584	132	5,315
<b>Total Residential</b>	<b>80,169</b>	<b>763,404,470</b>		<b>13,461,368</b>	<b>37,772,699</b>		<b>17,107,895</b>	<b>1,427,566</b>	<b>69,769,528</b>
<b>Small General Service</b>									
Rate 20	10,410	88,215,802		\$3,191,779	\$4,491,252		\$1,976,916	\$164,964	\$9,824,911
Rate 25	49	1,577,312	10,040.6	26,828	2,934	\$31,943	35,348	2,950	100,003
Rate 26	270	1,950,557		98,550	62,141		43,712	3,648	208,051
Rate 40	271	3,270,836	7,220.9	85,308	69,942	46,587	73,299	6,117	281,253
<b>Total Small General</b>	<b>11,000</b>	<b>95,014,507</b>	<b>17,261.5</b>	<b>3,402,465</b>	<b>4,626,269</b>	<b>78,530</b>	<b>2,129,275</b>	<b>177,679</b>	<b>10,414,218</b>
<b>General Service</b>									
Rate 30 Secondary	4,566	722,746,179	2,202,914.3	\$3,068,991	\$16,847,213	\$23,251,782	\$16,196,742	\$1,216,251	\$60,580,979
Rate 30 Primary	40	226,484,074	507,095.6	48,000	3,202,485	6,098,111	4,935,088	279,973	14,563,657
<b>Rate 30 Contract Rates</b>									
Tesoro	1	98,750,754	161,517.3	1,200	1,575,291	1,056,761	2,151,779	89,175	4,874,206
Sabin	1	27,167,840	55,224.9	1,200	447,472	367,729	591,987	30,490	1,438,878
Rate 31 Primary	1	2,478,000	4,869.6 2/	1,164	35,258	64,936	53,996	2,689	158,043
Rate 31 Secondary	52	13,853,295	38,840.3 2/	44,928	323,025	474,070	310,452	21,444	1,173,919
Rate 32 Secondary	603	57,227,301	270,437.7	151,956	1,386,045	722,295	1,282,464	65,470	3,608,230
Rate 38	3	21,795,700	80,189.0	5,940	272,882	720,273	474,928	44,273	1,518,296
Capitol	1	10,190,400	23,985.7	1,200	127,584	217,395	222,049	13,243	581,471
Contract (Amer Coll) 3/	0	0	0.0	0	0	0	0	0	0
<b>Total General</b>	<b>5,268</b>	<b>1,180,693,543</b>	<b>3,345,074.4</b>	<b>3,324,579</b>	<b>24,217,255</b>	<b>32,973,352</b>	<b>26,219,485</b>	<b>1,763,008</b>	<b>88,497,679</b>
<b>Municipal Lighting Service</b>									
Rate 41 Secondary	598	12,133,777			\$617,705		\$271,918	\$10,178	\$899,801
Rate 41 Primary	44	1,174,555			53,865		25,594	975	80,434
<b>Total Municipal Lighting</b>	<b>642</b>	<b>13,308,332</b>			<b>671,570</b>		<b>297,512</b>	<b>11,153</b>	<b>980,235</b>

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM  
Summary of Projected Revenues and Billing Determinants  
Twelve Months Ended December 31, 2021**

<b>Projected 2023</b>									
Rate Reporting Class	Billing Units	Kwh	Billed KW	Basic Service Charge Revenue	Energy Revenue	Demand Revenue	FPPA	Rider Revenue 1/	Total Revenue
Municipal Pumping Service									
Rate 48 Secondary 4/	303	22,345,983	83,684.9	\$152,558	\$388,173	\$540,303	\$500,773	42,323	\$1,624,130
Rate 48 Primary	5	23,520,600	50,995.4	4,320	380,563	331,482	512,514	25,340	1,254,219
<b>Total Municipal Pumping</b>	<b>308</b>	<b>45,866,583</b>	<b>134,680.3</b>	<b>156,878</b>	<b>768,736</b>	<b>871,785</b>	<b>1,013,287</b>	<b>67,663</b>	<b>2,878,349</b>
Outdoor Lighting Service									
Rate 52 Secondary	2,539	3,958,084			\$267,685		\$88,701	\$3,641	\$360,027
Rate 52 Primary	13	34,081			2,167		743	31	2,941
<b>Total Outdoor Lighting</b>	<b>2,552</b>	<b>3,992,165</b>			<b>269,852</b>		<b>89,444</b>	<b>3,672</b>	<b>362,968</b>
<b>Total North Dakota</b>	<b>99,939</b>	<b>2,102,279,600</b>	<b>3,497,016.2</b>	<b>\$20,345,290</b>	<b>\$68,326,381</b>	<b>\$33,923,667</b>	<b>\$46,856,898</b>	<b>\$3,450,741</b>	<b>\$172,902,977</b>

1/ Only includes the Generation Rider.

2/ Reflects on-peak Kw only as currently no off-peak demand charge.

3/ Customer contract moves service to Rate 38 effective January 1, 2023.

4/ Includes 1 customer's excess facilities charges.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM**

**Summary of Projected Revenues and Billing Determinants  
Twelve Months Ended December 31, 2021**

<b>Projected 2022</b>									
Rate Reporting Class	Billing Units	Kwh	Billed KW	Basic Service Charge Revenue	Energy Revenue	Demand Revenue	FPPA	Rider Revenue 1/	Total Revenue
<b>Residential Service</b>									
Rate 10	79,868	761,460,528		\$13,409,983	\$37,679,655		\$16,470,391	\$1,423,931	\$68,983,960
Rate 13	4	132,692		1,095	4,410		2,870	248	8,623
Rate 16	4	70,679		1,095	2,504		1,529	132	5,260
<b>Total Residential</b>	<b>79,876</b>	<b>761,663,899</b>		<b>13,412,173</b>	<b>37,686,569</b>		<b>16,474,790</b>	<b>1,424,311</b>	<b>68,997,843</b>
<b>Small General Service</b>									
Rate 20	10,285	88,014,616		\$3,153,454	\$4,481,008		\$1,903,756	\$164,587	\$9,702,805
Rate 25	49	1,577,312	10,040.6	26,828	2,934	\$31,943	34,117	2,950	98,772
Rate 26	270	1,950,557		98,550	62,141		42,191	3,648	206,530
Rate 40	271	3,270,836	7,220.9	85,308	69,942	46,587	70,748	6,117	278,702
<b>Total Small General</b>	<b>10,875</b>	<b>94,813,321</b>	<b>17,261.5</b>	<b>3,364,140</b>	<b>4,616,025</b>	<b>78,530</b>	<b>2,050,812</b>	<b>177,302</b>	<b>10,286,809</b>
<b>General Service</b>									
Rate 30 Secondary	4,508	721,097,871	2,197,890.3	\$3,030,015	\$16,808,791	\$23,198,754	\$15,597,347	\$1,213,477	\$59,848,384
Rate 30 Primary	40	234,743,374	515,375.6	48,000	3,319,271	6,201,611	4,922,569	284,544	14,775,995
<b>Rate 30 Contract Rates</b>									
Tesoro	1	98,750,754	161,517.3	1,200	1,575,291	1,056,761	2,070,803	89,175	4,793,230
Sabin	1	27,167,840	55,224.9	1,200	447,472	367,729	569,710	30,490	1,416,601
Rate 31 Primary	1	2,478,000	4,869.6 2/	1,164	35,258	64,936	51,964	2,689	156,011
Rate 31 Secondary	51	13,821,701	38,751.8 2/	44,064	322,289	472,990	298,963	21,395	1,159,701
Rate 32 Secondary	595	57,096,787	269,820.9	149,940	1,382,884	720,648	1,235,004	65,321	3,553,797
Rate 38	2	18,709,600	69,855.2	2,340	234,244	627,808	392,340	38,568	1,295,300
Capitol	1	10,190,400	23,985.7	1,200	127,584	217,395	213,693	13,243	573,115
Contract (Amer Coll)	1	3,086,100	10,333.8	3,600	32,497	75,364	64,716	5,705	181,882
<b>Total General</b>	<b>5,201</b>	<b>1,187,142,427</b>	<b>3,347,625.1</b>	<b>3,282,723</b>	<b>24,285,581</b>	<b>33,003,996</b>	<b>25,417,109</b>	<b>1,764,607</b>	<b>87,754,016</b>
<b>Municipal Lighting Service</b>									
Rate 41 Secondary	598	12,133,777			\$617,705		\$262,454	\$10,178	\$890,337
Rate 41 Primary	44	1,174,555			53,865		24,630	975	79,470
<b>Total Municipal Lighting</b>	<b>642</b>	<b>13,308,332</b>			<b>671,570</b>		<b>287,084</b>	<b>11,153</b>	<b>969,807</b>

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM  
Summary of Projected Revenues and Billing Determinants  
Twelve Months Ended December 31, 2021**

<b>Projected 2022</b>									
Rate Reporting Class	Billing Units	Kwh	Billed KW	Basic Service Charge Revenue	Energy Revenue	Demand Revenue	FPPA	Rider Revenue 1/	Total Revenue
Municipal Pumping Service									
Rate 48 Secondary 3/	303	22,345,983	83,684.9	\$152,558	\$388,173	\$540,303	\$483,344	42,323	\$1,606,701
Rate 48 Primary	5	23,520,600	50,995.4	4,320	380,563	331,482	493,227	25,340	1,234,932
<b>Total Municipal Pumping</b>	<b>308</b>	<b>45,866,583</b>	<b>134,680.3</b>	<b>156,878</b>	<b>768,736</b>	<b>871,785</b>	<b>976,571</b>	<b>67,663</b>	<b>2,841,633</b>
Outdoor Lighting Service									
Rate 52 Secondary	2,517	3,949,057			\$267,075		\$85,418	\$3,633	\$356,126
Rate 52 Primary	13	34,081			2,167		715	31	2,913
<b>Total Outdoor Lighting</b>	<b>2,530</b>	<b>3,983,138</b>			<b>269,242</b>		<b>86,133</b>	<b>3,664</b>	<b>359,039</b>
<b>Total North Dakota</b>	<b>99,432</b>	<b>2,106,777,700</b>	<b>3,499,566.9</b>	<b>\$20,215,914</b>	<b>\$68,297,723</b>	<b>\$33,954,311</b>	<b>\$45,292,499</b>	<b>\$3,448,700</b>	<b>\$171,209,147</b>

1/ Only includes the Generation Rider.

2/ Reflects on-peak Kw only as currently no off-peak demand charge.

3/ Includes 1 customer's excess facilities charges.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM  
Summary of Revenue at Current Rates  
Twelve Months Ended December 31, 2021**

**Revenue at Current Rates**

Rate Reporting Class	Billing Units	Kwh	Billed KW	Basic Service Charge Revenue	Energy Revenue	Demand Revenue	FPPA	Rider Revenue 1/	Total Revenue
<b>Residential Service</b>									
Rate 10	79,576	745,670,271		\$13,360,956	\$36,898,311		\$17,955,740	\$1,394,403	\$69,609,410
Rate 13	4	132,692		1,095	4,410		3,195	248	8,948
Rate 16	4	70,679		1,095	2,504		1,702	132	5,433
<b>Total Residential</b>	<b>79,584</b>	<b>745,873,642</b>		<b>13,363,146</b>	<b>36,905,225</b>		<b>17,960,637</b>	<b>1,394,783</b>	<b>69,623,791</b>
<b>Small General Service</b>									
Rate 20	10,162	86,193,535		\$3,115,742	\$4,388,295		\$2,075,540	\$161,182	\$9,740,759
Rate 25	49	1,577,312	10,040.6	26,828	2,934	31,943	37,982	2,950	102,637
Rate 26	270	1,950,557		98,550	62,141		46,969	3,648	211,308
Rate 40	271	3,270,836	7,220.9	85,308	69,942	46,587	78,762	6,117	286,716
<b>Total Small General</b>	<b>10,752</b>	<b>92,992,240</b>	<b>17,261.5</b>	<b>3,326,428</b>	<b>4,523,312</b>	<b>78,530</b>	<b>2,239,253</b>	<b>173,897</b>	<b>10,341,420</b>
<b>General Service</b>									
Rate 30 Secondary	4,434	704,853,594	2,149,664.7	\$2,980,287	\$16,430,137	\$22,689,754	\$16,972,875	\$1,186,851	\$60,259,904
Rate 30 Primary	39	232,863,274	508,043.9	46,800	3,292,687	6,108,673	5,316,269	280,496	15,044,925
<b>Rate 30 Contract Rates</b>									
Tesoro	1	98,750,754	161,517.3	1,200	1,575,291	1,056,761	2,254,480	89,175	4,976,907
Sabin	1	27,167,840	55,224.9	1,200	447,472	367,729	620,242	30,490	1,467,133
Rate 31 Primary	1	2,478,000	4,869.6 2/	1,164	35,258	64,936	56,573	2,689	160,620
Rate 31 Secondary	67	14,813,828	40,506.7 2/	57,888	345,379	494,408	356,717	22,364	1,276,756
Rate 32 Secondary	587	55,908,784	264,206.2	147,924	1,354,111	705,662	1,346,284	63,962	3,617,943
Rate 34	0	0	0.0	0	0	0	0	0	0
Rate 38	3	23,342,800	79,946.9	6,997	292,252	720,830	532,916	44,139	1,597,134
Capitol	1	10,190,400	23,985.7	1,200	127,584	217,395	232,647	13,243	592,069
Contract (Amer Coll)	1	3,086,100	10,333.8	3,600	32,497	75,364	70,456	5,705	187,622
<b>Total General</b>	<b>5,135</b>	<b>1,173,455,374</b>	<b>3,298,299.7</b>	<b>3,248,260</b>	<b>23,932,668</b>	<b>32,501,512</b>	<b>27,759,459</b>	<b>1,739,114</b>	<b>89,181,013</b>
<b>Municipal Lighting Service</b>									
Rate 41 Secondary	598	12,133,777			\$617,705		\$292,181	\$10,178	\$920,064
Rate 41 Primary	44	1,174,555			53,865		26,815	975	81,655
<b>Total Municipal Light</b>	<b>642</b>	<b>13,308,332</b>			<b>671,570</b>		<b>318,996</b>	<b>11,153</b>	<b>1,001,719</b>

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM  
Summary of Revenue at Current Rates  
Twelve Months Ended December 31, 2021**

**Revenue at Current Rates**

Rate Reporting Class	Billing Units	Kwh	Billed KW	Basic Service Charge Revenue	Energy Revenue	Demand Revenue	FPPA	Rider Revenue 1/	Total Revenue
Municipal Pumping Service									
Rate 48 Secondary 3/	303	22,345,983	83,684.9	\$152,558	\$388,173	\$540,303	\$538,091	\$42,323	\$1,661,448
Rate 48 Primary	5	23,520,600	50,995.4	4,320	380,563	331,482	536,975	25,340	1,278,680
<b>Total Municipal Pumping</b>	<b>308</b>	<b>45,866,583</b>	<b>134,680.3</b>	<b>156,878</b>	<b>768,736</b>	<b>871,785</b>	<b>1,075,066</b>	<b>67,663</b>	<b>2,940,128</b>
Outdoor Lighting Service									
Rate 52 Secondary	2,495	3,861,611			\$261,161		\$92,988	\$3,553	\$357,702
Rate 52 Primary	13	34,081			2,167		778	31	2,976
<b>Total Outdoor Light</b>	<b>2,508</b>	<b>3,895,692</b>			<b>263,328</b>		<b>93,766</b>	<b>3,584</b>	<b>360,678</b>
<b>Total North Dakota</b>	<b>98,929</b>	<b>2,075,391,863</b>	<b>3,450,241.5</b>	<b>\$20,094,712</b>	<b>\$67,064,839</b>	<b>\$33,451,827</b>	<b>\$49,447,177</b>	<b>\$3,390,194</b>	<b>\$173,448,749</b>

1/ Only includes the Generation Rider.

2/ Reflects on-peak Kw only as currently no off-peak demand charge.

3/ Includes 1 customer's excess facilities charges.

**MONTANA-DAKOTA UTILITIES CO.**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**INTERIM**  
**Summary of Per Books Revenue by Tariffed Rate**  
**Twelve Months Ended December 31, 2021**

<b>Per Books Summary</b>									
Rate Reporting Class	Billing Units 1/	Kwh	Billed KW	Basic Service Charge Revenue	Energy Revenue	Demand Revenue	Rider Revenues	FPPA	Total Revenue
<b>Residential Service</b>									
Rate 10	79,576	745,670,271		\$13,173,358	\$36,899,398		\$15,089,913	\$15,364,131	\$80,526,800
Rate 13	4	132,692		1,092	4,410		2,685	2,739	10,926
Rate 16	4	70,679		1,172	2,503		1,430	1,465	6,570
<b>Total Residential</b>	<b>79,584</b>	<b>745,873,642</b>		<b>13,175,622</b>	<b>36,906,311</b>		<b>15,094,028</b>	<b>15,368,335</b>	<b>80,544,296</b>
<b>Small General Service</b>									
Rate 20	10,162	86,193,535		3,090,372	4,389,100	(1,765)	1,744,067	1,783,661	11,005,435
Rate 25	49	1,577,312	10,040.6	26,605	465	19,500	30,531	31,620	108,721
Rate 26	270	1,950,557		98,049	62,141		39,477	40,492	240,159
Rate 40	271	3,270,836	7,220.9	84,967	69,944	47,821	66,190	67,664	336,586
<b>Total Small General</b>	<b>10,752</b>	<b>92,992,240</b>	<b>17,261.5</b>	<b>3,299,993</b>	<b>4,521,650</b>	<b>65,556</b>	<b>1,880,265</b>	<b>1,923,437</b>	<b>11,690,901</b>
<b>Large General Service</b>									
Rate 30 Secondary	4,434	704,853,594	2,149,664.7	2,970,772	16,434,907	22,656,425	12,556,895	14,589,001	69,208,000
Rate 30 Primary	39	232,863,274	508,043.9	46,610	3,292,687	6,104,700	4,036,215	4,569,511	18,049,723
<b>Rate 30 Contracts</b>									
Tesoro	1	98,750,754	161,517.3	1,200	1,575,291	1,056,761	1,681,527	1,932,790	6,247,569
Sabin	1	27,167,840	55,224.9	1,200	447,471	367,729	468,880	535,612	1,820,892
Rate 31 Primary	1	2,478,000	4,869.6 2/	1,164	35,258	64,936	42,660	48,441	192,459
Rate 31 Secondary	67	14,813,828	40,506.7 2/	58,576	314,801	492,314	261,195	303,126	1,430,012
Rate 32 Secondary	587	55,908,784	264,206.2	147,307	1,354,112	705,034	962,364	1,161,916	4,330,733
Rate 34	0	0	0.0	0	0	0	0	0	0
Rate 38	3	23,342,800	79,946.9	6,997	292,252	720,830	420,772	461,545	1,902,396
Capitol	1	10,190,400	23,985.7	1,200	127,584	217,395	177,697	201,250	725,126
Contract (Amer Coll)	1	3,086,100	10,333.8	3,600	26,325	58,262	55,394	61,864	205,445
<b>Total Large General</b>	<b>5,135</b>	<b>1,173,455,374</b>	<b>3,298,299.7</b>	<b>3,238,626</b>	<b>23,900,688</b>	<b>32,444,386</b>	<b>20,663,599</b>	<b>23,865,056</b>	<b>104,112,355</b>
<b>Municipal Lighting Service</b>									
Rate 41 Primary	44	1,174,555			52,020		18,497	22,998	93,515
Rate 41 Secondary	598	12,133,777			600,468		191,561	251,564	1,043,593
<b>Total Municipal Light</b>	<b>642</b>	<b>13,308,332</b>			<b>652,488</b>		<b>210,058</b>	<b>274,562</b>	<b>1,137,108</b>

**MONTANA-DAKOTA UTILITIES CO.**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**INTERIM**  
**Summary of Per Books Revenue by Tariffed Rate**  
**Twelve Months Ended December 31, 2021**

<b>Per Books Summary</b>									
Rate Reporting Class	Billing Units 1/	Kwh	Billed KW	Basic Service Charge Revenue	Energy Revenue	Demand Revenue	Rider Revenues	FPPA	Total Revenue
Municipal Pumping Service									
Rate 48 Secondary 3/	303	22,345,983	83,684.9	164,797	291,012	588,899	406,751	462,645	1,914,104
Rate 48 Primary	5	23,520,600	50,995.4	4,395	303,079	367,439	407,779	459,630	1,542,322
<b>Total Municipal Pumping</b>	<b>308</b>	<b>45,866,583</b>	<b>134,680.3</b>	<b>169,192</b>	<b>594,091</b>	<b>956,338</b>	<b>814,530</b>	<b>922,275</b>	<b>3,456,426</b>
Outdoor Lighting Service									
Rate 52 Primary	13	34,081			2,167		543	664	3,374
Rate 52 Secondary	2,495	3,861,611			261,098		61,025	80,156	402,279
<b>Total Outdoor Light</b>	<b>2,508</b>	<b>3,895,692</b>			<b>263,265</b>		<b>61,568</b>	<b>80,820</b>	<b>405,653</b>
<b>Total North Dakota</b>	<b>98,929</b>	<b>2,075,391,863</b>	<b>3,450,241.5</b>	<b>\$19,883,433</b>	<b>\$66,838,493</b>	<b>\$33,466,280</b>	<b>\$38,724,048</b>	<b>\$42,434,485</b>	<b>\$201,346,739</b>
Residential	79,584	745,873,642	0.0	13,175,622	36,906,311	0	15,094,028	15,368,335	80,544,296
Small General	10,752	92,992,240	17,261.5	3,299,993	4,521,650	65,556	1,880,265	1,923,437	11,690,901
Large General	5,135	1,173,455,374	3,298,299.7	3,238,626	23,900,688	32,444,386	20,663,599	23,865,056	104,112,355
Municipal Lighting	642	13,308,332	0.0	0	652,488	0	210,058	274,562	1,137,108
Municipal Pumping	308	45,866,583	134,680.3	169,192	594,091	956,338	814,530	922,275	3,456,426
Outdoor Lighting	2,508	3,895,692	0.0	0	263,265	0	61,568	80,820	405,653
<b>Total North Dakota</b>	<b>98,929</b>	<b>2,075,391,863</b>	<b>3,450,241.5</b>	<b>19,883,433</b>	<b>66,838,493</b>	<b>33,466,280</b>	<b>38,724,048</b>	<b>42,434,485</b>	<b>201,346,739</b>

1/ Reflects average distinct count of customers for twelve months ended December 31, 2021.

2/ Reflects on-peak Kw only as currently no off-peak demand charge.

3/ Includes 1 customer's excess facilities charges.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM**

**Summary of Electric Rates  
Effective with Service Rendered on and after December 1, 2018  
Case No. PU-18-89**

	<b>Basic Service Charge</b>	<b>Energy Charge</b>	<b>Demand Charge</b>	<b>Current FPPA 1/</b>	<b>2022 Projected FPPA 1/</b>	<b>2023 Projected FPPA 1/</b>
<b>Residential</b>						
<b>Rate 10</b>	\$0.46 per day					
Winter - First 750 Kwh		\$0.05678		\$0.02408	\$0.02163	\$0.02241
Winter - Over 750 Kwh		\$0.02678				
Summer		\$0.05678				
<b>Rate 13</b>	\$0.75 per day			\$0.02408	\$0.02163	\$0.02241
Winter - On Peak First 750 Kwh		\$0.05846				
Winter - On Peak Over 750 Kwh		\$0.02846				
Winter - Off Peak		\$0.01100				
Summer-On		\$0.05846				
<b>Rate 16</b>	\$0.75 per day			\$0.02408	\$0.02163	\$0.02241
Winter - On Peak		\$0.05718				
Winter - Off Peak		\$0.02718				
Summer - On Peak		\$0.07218				
Summer - Off Peak		\$0.04218				
<b>Small General</b>						
<b>Rate 20</b>	\$0.84 per day			\$0.02408	\$0.02163	\$0.02241
Winter - First 750 Kwh		\$0.05997				
Winter - Over 750 Kwh		\$0.02997				
Summer		\$0.05997				
<b>Rate 25</b>	\$1.50 per day	\$0.00186		\$0.02408	\$0.02163	\$0.02241
Winter			1.25			
Summer			4.25			
<b>Rate 26</b>	\$1.00 per day			\$0.02408	\$0.02163	\$0.02241
Winter - On Peak		\$0.04566				
Winter - Off Peak		\$0.02066				
Summer - On Peak		\$0.06066				
Summer - Off Peak		\$0.03566				
<b>Rate 40 - Demand</b>	\$1.00 per day	\$0.01302		\$0.02408	\$0.02163	\$0.02241
Winter - Over 10 KW			8.25			
Summer			11.25			
<b>Rate 40 - Non Demand</b>	\$0.84 per day			\$0.02408	\$0.02163	\$0.02241
Winter - First 750 Kwh		\$0.03402				
Winter - Over 750 Kwh		\$0.02302				
Summer		\$0.03402				
<b>Large General</b>						
<b>Rate 30 - Primary</b>	\$100.00 per month	\$0.01414		\$0.02283	\$0.02097	\$0.02179
Winter			11.00			
Summer			14.00			
<b>Rate 30 - Secondary</b>	\$56.00 per month	\$0.02331		\$0.02408	\$0.02163	\$0.02241
Winter			9.50			
Summer			12.50			

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM**

**Summary of Electric Rates  
Effective with Service Rendered on and after December 1, 2018  
Case No. PU-18-89**

	<b>Basic Service Charge</b>	<b>Energy Charge</b>	<b>Demand Charge</b>	<b>Current FPPA 1/</b>	<b>2022 Projected FPPA 1/</b>	<b>2023 Projected FPPA 1/</b>
<b>Sabin Contract 2/</b>	\$100.00 per month			\$0.02283	\$0.02097	\$0.02179
First 2.3 Million Kwh		\$0.01669				
Over 2.3 Million Kwh		\$0.01144				
Winter - First 5,000 Kw			5.72			
Winter - Over 5,000 Kw			5.72			
Summer - First 5,000 Kw			8.58			
Summer - Over 5,000 Kw			5.72			
<b>Tesoro Contract 3/</b>	\$100.00 per month			\$0.02283	\$0.02097	\$0.02179
First 1.5 Million Kwh		\$0.02148				
Over 1.5 Million Kwh		\$0.01472				
Winter			5.44			
Summer			8.56			
<b>Rate 31 - Primary</b>	\$97.00 per month			\$0.02283	\$0.02097	\$0.02179
On Peak		\$0.01607				
Off Peak		\$0.01357				
Winter - On Peak			12.25			
Summer - On Peak			15.25			
<b>Rate 31 - Secondary</b>	\$72.00 per month			\$0.02408	\$0.02163	\$0.02241
On Peak		\$0.02512				
Off Peak		\$0.02262				
Winter - On Peak			10.75			
Summer - On Peak			14.75			
<b>Rate 32 - Secondary</b>	\$21.00 per month	\$0.02422		\$0.02408	\$0.02163	\$0.02241
Winter			1.00			
Summer			12.50			
<b>Rate 34 - Firm Development</b>	\$100.00 per month	\$0.02331		\$0.02408	\$0.02163	\$0.02241
<b>Rate 38</b>		\$0.01252		\$0.02283	\$0.02097	\$0.02179
Customer 1	\$95.00 per month					
Customer 2	\$388.05 per month					
Customer 3	\$100.00 per month					
Winter			8.00			
Summer			11.00			
<b>Rate 38 - State Capitol 4/</b>	\$100.00 per month	\$0.01252		\$0.02283	\$0.02097	\$0.02179
Winter			8.00			
Summer			11.00			
<b>Contract - American Colloid 5/</b>	(Rates 1/1/2021-12/31/2021)					
	\$300.00 per month	\$0.00853	5.638	\$0.02283	\$0.02097	\$0.02179
	(Rates 1/1/2022-12/31/2022)					
	\$300.00 per month	\$0.01053		\$0.02283	\$0.02097	\$0.02179
Winter			6.819			
Summer			8.319			
	(Rate 38 applicable as of 1/1/2023)					

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
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**Summary of Electric Rates  
Effective with Service Rendered on and after December 1, 2018  
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	<b>Basic Service Charge</b>	<b>Energy Charge</b>	<b>Demand Charge</b>	<b>Current FPPA 1/</b>	<b>2022 Projected FPPA 1/</b>	<b>2023 Projected FPPA 1/</b>
<b>Municipal Lighting</b>						
Rate 41 - Primary		\$0.05096		\$0.02283	\$0.02097	\$0.02179
Rate 41 - Secondary		\$0.05596		\$0.02408	\$0.02163	\$0.02241
<b>Municipal Pumping</b>						
Rate 48 - Primary	\$80.00 per month	\$0.01798		\$0.02283	\$0.02097	\$0.02179
Winter			6.00			
Summer			9.00			
Rate 48 - Secondary	\$45.00 per month	\$0.01898		\$0.02408	\$0.02163	\$0.02241
Winter			6.00			
Summer			9.00			
<b>Outdoor Lighting</b>						
Rate 52 - Primary		\$0.06357		\$0.02283	\$0.02097	\$0.02179
Rate 52 - Secondary		\$0.06763		\$0.02408	\$0.02163	\$0.02241
<b>Rate 95 (1/1/2022)</b>						
Single Phase	\$0.05 per day	(\$0.02145)				
Single Phase, Instrument Transformer	\$0.19 per day					
Three Phase	\$0.12 per day					
Three Phase, Instrument Transformer	\$0.33 per day					
<b>Cost Recovery Riders</b>						
<b>Rate 56 - Generation Rider-excluding surcharge (2/1/2022)</b>						
Residential		\$0.00187				
Small General		\$0.00187				
Large General			\$0.55211			
Rate 32			\$0.24209			
Lighting		\$0.00092				

	2021	Projected 2022	Projected 2023
1/ Fuel and Purchased Power Adj.			
Primary	\$0.02283	\$0.02097	\$0.02179
Secondary	\$0.02408	\$0.02163	\$0.02241

- 2/ Contract rate effective with service rendered on and after July 25, 2019 as approved in Case No. PU-18-435.  
3/ Contract rate effective with service rendered on and after July 25, 2019 as approved in Case No. PU-18-484.  
4/ Contract rate effective with service rendered on and after January 1, 2020 as approved in Case No. PU-19-332.  
5/ Contract rate effective per contract terms as approved in Case No. PU-18-433, shown in table below:

	Thru 12/31/19	1/1/20-12/31/20	1/1/21-12/31/21	1/1/22-12/31/22	1/1/2023 Rate 38
Base Rate Per Month	\$300.00	\$300.00	\$300.00	\$300.00	
Demand Charge per Kw:					Rate 38 Applicable as of 1/1/23
October-May	\$5.638	\$5.638	\$5.638	\$6.819	
June-September	\$5.638	\$5.638	\$5.638	\$8.319	
Energy Charge per Kwh	\$0.00853	\$0.00853	\$0.00853	\$0.01053	
Adjustment Clauses 1/					
Fuel & Purchased Power (Rate 58)	x	x	x	x	x
Renewable Resource Cost Adjustment (Rate 55)		x	x	x	x
Transmission Cost Adjustment (Rate 59)		x	x	x	x
Generation Rider (Rate 56)			x	x	x
Environmental Cost Recovery Rider (Rate 57)			x	x	x

**MONTANA-DAKOTA UTILITIES CO.  
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Residential Rate 10	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$0.46 per day	79,576	\$13,360,810	79,868	\$13,409,837	80,161	\$13,459,032
Basic Service Charge 1/ 2/	0.05 per day	8	146	8	146	8	146
			<u>\$13,360,956</u>		<u>\$13,409,983</u>		<u>\$13,459,178</u>
Energy 3/							
Summer	\$0.05678 per Kwh	249,265,201	\$14,153,278	254,541,025	\$14,452,839	255,122,863	\$14,485,876
Winter - First 750	0.05678 per Kwh	315,043,500	17,888,170	321,717,073	18,267,095	322,452,465	18,308,851
Winter - Over 750	0.02678 per Kwh	181,361,570	4,856,863	185,202,430	4,959,721	185,625,771	4,971,058
Total Energy		<u>745,670,271</u>	<u>\$36,898,311</u>	<u>761,460,528</u>	<u>\$37,679,655</u>	<u>763,201,099</u>	<u>\$37,765,785</u>
Fuel at Current Rates	\$0.02408 per Kwh	745,670,271	\$17,955,740				
Fuel Projected 2022	0.02163 per Kwh			761,460,528	\$16,470,391		
Fuel Projected 2023	0.02241 per Kwh					763,201,099	\$17,103,337
Riders							
Renewable Rider	\$0.00000 per Kwh	745,670,271	\$0	761,460,528	\$0	763,201,099	\$0
Generation Rider	0.00187 per Kwh	745,670,271	1,394,403	761,460,528	1,423,931	763,201,099	1,427,186
Environmental Rider	0.00000 per Kwh	745,670,271	0	761,460,528	0	763,201,099	0
Transmission Rider	0.00000 per Kwh	745,670,271	0	761,460,528	0	763,201,099	0
Total Riders			<u>\$1,394,403</u>		<u>\$1,423,931</u>		<u>\$1,427,186</u>
Total Revenue			<u><u>\$69,609,410</u></u>		<u><u>\$68,983,960</u></u>		<u><u>\$69,755,486</u></u>

1/ Basic service charge revenue = billing units \* basic service charge rate \* 365 days.

2/ Basic service charge for Rate 95.

Per Books Kwh	Prorate Factors	
249,265,201	33.428%	Summer
315,043,500	42.250%	Winter - First 750
181,361,570	24.322%	Winter -Over 750
<u>745,670,271</u>	<u>100.000%</u>	

**MONTANA-DAKOTA UTILITIES CO.  
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Thermal Energy Storage Rate 13	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$0.75 per day	4	\$1,095	4	\$1,095	4	\$1,095
Energy 2/							
Summer - On	\$0.05846 per Kwh	28,963	\$1,693	28,963	\$1,693	28,963	\$1,693
Winter - On-Peak First 750	0.05846 per Kwh	22,786	1,332	22,786	1,332	22,786	1,332
Winter - On-Peak Over 750	0.02846 per Kwh	28,310	806	28,310	806	28,310	806
Winter - Off-Peak	0.01100 per Kwh	52,633	579	52,633	579	52,633	579
Total Energy		132,692	\$4,410	132,692	\$4,410	132,692	\$4,410
Fuel at Current Rates	\$0.02408 per Kwh	132,692	\$3,195				
Fuel Projected 2022	0.02163 per Kwh			132,692	\$2,870		
Fuel Projected 2023	0.02241 per Kwh					132,692	\$2,974
Riders							
Renewable Rider	\$0.00000 per Kwh	132,692	\$0	132,692	\$0	132,692	\$0
Generation Rider	0.00187 per Kwh	132,692	248	132,692	248	132,692	248
Environmental Rider	0.00000 per Kwh	132,692	0	132,692	0	132,692	0
Transmission Rider	0.00000 per Kwh	132,692	0	132,692	0	132,692	0
Total Riders			\$248		\$248		\$248
Total Revenue			<u>\$8,948</u>		<u>\$8,623</u>		<u>\$8,727</u>

1/ Basic service charge revenue = billing units \* basic service charge rate \* 365 days.

Per Books Kwh	Prorate Factors
28,963	21.827% On-Summer
22,786	17.172% On-Peak First 750 - Winter
28,310	21.335% On-Peak Over 750 - Winter
52,633	39.666% Off-Peak - Winter
<u>132,692</u>	<u>100.000%</u>

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Residential TOD Rate 16	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$0.75 per day	4	\$1,095	4	\$1,095	4	\$1,095
Energy 2/							
Summer							
On-Peak	\$0.07218 per Kwh	3,277	\$237	3,277	\$237	3,277	\$237
Off-Peak	0.04218 per Kwh	8,734	368	8,734	368	8,734	368
Winter							
On-Peak	\$0.05718 per Kwh	10,152	580	10,152	580	10,152	580
Off-Peak	0.02718 per Kwh	48,516	1,319	48,516	1,319	48,516	1,319
Total Energy		70,679	\$2,504	70,679	\$2,504	70,679	\$2,504
Fuel at Current Rates	\$0.02408 per Kwh	70,679	\$1,702				
Fuel Projected 2022	0.02163 per Kwh			70,679	\$1,529		
Fuel Projected 2023	0.02241 per Kwh					70,679	\$1,584
Riders							
Renewable Rider	\$0.00000 per Kwh	70,679	\$0	70,679	\$0	70,679	\$0
Generation Rider	0.00187 per Kwh	70,679	132	70,679	132	70,679	132
Environmental Rider	0.00000 per Kwh	70,679	0	70,679	0	70,679	0
Transmission Rider	0.00000 per Kwh	70,679	0	70,679	0	70,679	0
Total Riders			\$132		\$132		\$132
Total Revenue			\$5,433		\$5,260		\$5,315

1/ Basic service charge revenue = billing units \* basic service charge rate \* 365 days.

Per Books Kwh	Prorate Factors
3,277	4.636% On-Peak - Summer
8,734	12.357% Off-Peak - Summer
10,152	14.364% On-Peak - Winter
48,516	68.643% Off-Peak - Winter
70,679	100.000%

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Small General Rate 20	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$0.84 per day	10,162	\$3,115,669	10,285	\$3,153,381	10,410	\$3,191,706
Basic Service Charge 1/ 2/	0.05 per day	4	73	4	73	4	73
			<u>\$3,115,742</u>		<u>\$3,153,454</u>		<u>\$3,191,779</u>
Energy 3/							
Summer	\$0.05997 per Kwh	27,436,384	\$1,645,360	28,015,932	\$1,680,115	28,079,972	\$1,683,956
Winter - First 750	0.05997 per Kwh	32,732,764	1,962,984	33,424,431	2,004,463	33,500,833	2,009,045
Winter - Over 750	0.02997 per Kwh	26,024,387	779,951	26,574,253	796,430	26,634,997	798,251
Total Energy		<u>86,193,535</u>	<u>\$4,388,295</u>	<u>88,014,616</u>	<u>\$4,481,008</u>	<u>88,215,802</u>	<u>\$4,491,252</u>
Fuel at Current Rates	\$0.02408 per Kwh	86,193,535	\$2,075,540				
Fuel Projected 2022	0.02163 per Kwh			88,014,616	\$1,903,756		
Fuel Projected 2023	0.02241 per Kwh					88,215,802	\$1,976,916
Riders							
Renewable Rider	\$0.00000 per Kwh	86,193,535	\$0	88,014,616	\$0	88,215,802	\$0
Generation Rider	0.00187 per Kwh	86,193,535	161,182	88,014,616	164,587	88,215,802	164,964
Environmental Rider	0.00000 per Kwh	86,193,535	0	88,014,616	0	88,215,802	0
Transmission Rider	0.00000 per Kwh	86,193,535	0	88,014,616	0	88,215,802	0
Total Riders			<u>\$161,182</u>		<u>\$164,587</u>		<u>\$164,964</u>
Total Revenue			<u><u>\$9,740,759</u></u>		<u><u>\$9,702,805</u></u>		<u><u>\$9,824,911</u></u>

1/ Basic service charge revenue = billing units \* basic service charge rate \* 365 days.

2/ Basic service charge for Rate 95.

Per Books Kwh	Prorate Factors	
27,436,384	31.831%	Summer
32,732,764	37.976%	Winter - First 750
26,024,387	30.193%	Winter - Over 750
<u>86,193,535</u>	<u>100.000%</u>	

**MONTANA-DAKOTA UTILITIES CO.  
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Irrigation Power Rate 25	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$1.50 per day	49	\$26,828	49	\$26,828	49	\$26,828
Energy	\$0.00186 per Kwh	1,577,312	\$2,934	1,577,312	\$2,934	1,577,312	\$2,934
Demand 2/							
Summer	\$4.25 per KW	6,464.3	27,473	6,464.3	27,473	6,464.3	27,473
Winter	1.25 per KW	3,576.3	4,470	3,576.3	4,470	3,576.3	4,470
Total Demand		10,040.6	\$31,943	10,040.6	\$31,943	10,040.6	\$31,943
Fuel at Current Rates	\$0.02408 per Kwh	1,577,312	\$37,982				
Fuel Projected 2022	0.02163 per Kwh			1,577,312	\$34,117		
Fuel Projected 2023	0.02241 per Kwh					1,577,312	\$35,348
Riders							
Renewable Rider	\$0.00000 per Kwh	1,577,312	\$0	1,577,312	\$0	1,577,312	\$0
Generation Rider	0.00187 per Kwh	1,577,312	2,950	1,577,312	2,950	1,577,312	2,950
Environmental Rider	0.00000 per Kwh	1,577,312	0	1,577,312	0	1,577,312	0
Transmission Rider	0.00000 per Kwh	1,577,312	0	1,577,312	0	1,577,312	0
Total Riders			\$2,950		\$2,950		\$2,950
Total Revenue			<u>\$102,637</u>		<u>\$98,772</u>		<u>\$100,003</u>

1/ Basic service charge revenue = billing units \* basic service charge rate \* 365 days.

Per Books Kw	Prorate Factors
6,464.3	64.382% Summer
3,576.3	35.618% Winter
<u>10,040.6</u>	<u>100.000%</u>

**MONTANA-DAKOTA UTILITIES CO.  
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Small General TOD Rate 26	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$1.00 per day	270	\$98,550	270	\$98,550	270	\$98,550
Energy 2/							
Summer							
On-Peak	\$0.06066 per Kwh	164,452	\$9,976	164,452	\$9,976	164,452	\$9,976
Off-Peak	0.03566 per Kwh	495,677	17,676	495,677	17,676	495,677	17,676
Winter							
On-Peak	0.04566 per Kwh	313,159	14,299	313,159	14,299	313,159	14,299
Off-Peak	0.02066 per Kwh	977,269	20,190	977,269	20,190	977,269	20,190
Total Energy		1,950,557	\$62,141	1,950,557	\$62,141	1,950,557	\$62,141
Fuel at Current Rates	\$0.02408 per Kwh	1,950,557	\$46,969				
Fuel Projected 2022	0.02163 per Kwh			1,950,557	\$42,191		
Fuel Projected 2023	0.02241 per Kwh					1,950,557	\$43,712
Riders							
Renewable Rider	\$0.00000 per Kwh	1,950,557	\$0	1,950,557	\$0	1,950,557	\$0
Generation Rider	0.00187 per Kwh	1,950,557	3,648	1,950,557	3,648	1,950,557	3,648
Environmental Rider	0.00000 per Kwh	1,950,557	0	1,950,557	0	1,950,557	0
Transmission Rider	0.00000 per Kwh	1,950,557	0	1,950,557	0	1,950,557	0
Total Riders			\$3,648		\$3,648		\$3,648
Total Revenue			<u>\$211,308</u>		<u>\$206,530</u>		<u>\$208,051</u>

1/ Basic service charge revenue = billing units \* basic service charge rate \* 365 days.

2/ Prorate Factors

Per Books Kwh	Factors
164,452	8.431% On-Peak - Summer
495,677	25.412% Off-Peak - Summer
313,159	16.055% On-Peak - Winter
977,269	50.102% Off-Peak - Winter
<u>1,950,557</u>	<u>100.000%</u>

**MONTANA-DAKOTA UTILITIES CO.  
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Summary of Revenues  
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Small Municipal Service Demand Rate 40	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$1.00 per day	38	\$13,870	38	\$13,870	38	\$13,870
Energy	\$0.01302 per Kwh	1,659,753	\$21,610	1,659,753	\$21,610	1,659,753	\$21,610
Demand 2/							
Summer	\$11.25 per KW	2,700.6	\$30,382	2,700.6	\$30,382	2,700.6	\$30,382
Winter - First 10 KW	0.00 per KW	2,556.1	0	2,556.1	0	2,556.1	0
Winter - Over 10 KW	8.25 per KW	1,964.2	16,205	1,964.2	16,205	1,964.2	16,205
Total Demand		<u>7,220.9</u>	<u>\$46,587</u>	<u>7,220.9</u>	<u>\$46,587</u>	<u>7,220.9</u>	<u>\$46,587</u>
Fuel at Current Rates	\$0.02408 per Kwh	1,659,753	\$39,967				
Fuel Projected 2022	0.02163 per Kwh			1,659,753	\$35,900		
Fuel Projected 2023	0.02241 per Kwh					1,659,753	\$37,195
Riders							
Renewable Rider	\$0.00000 per Kwh	1,659,753	\$0	1,659,753	\$0	1,659,753	\$0
Generation Rider	0.00187 per Kwh	1,659,753	3,104	1,659,753	3,104	1,659,753	3,104
Environmental Rider	0.00000 per Kwh	1,659,753	0	1,659,753	0	1,659,753	0
Transmission Rider	0.00000 per Kwh	1,659,753	0	1,659,753	0	1,659,753	0
Total Riders			<u>\$3,104</u>		<u>\$3,104</u>		<u>\$3,104</u>
Total Revenue			<u>\$125,138</u>		<u>\$121,071</u>		<u>\$122,366</u>

1/ Basic service charge revenue = billing units \* basic service charge rate \* 365 days.

2/

Per Books Kw	Prorate Factors
2,700.6	37.399% Summer
2,556.1	35.399% Winter - First 10 KW
1,964.2	27.202% Winter - Over 10 KW
<u>7,220.9</u>	<u>100.000%</u>

**MONTANA-DAKOTA UTILITIES CO.  
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Small Municipal Service Non Demand Rate 40	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$0.84 per day	233	\$71,438	233	\$71,438	233	\$71,438
Energy 2/							
Summer	\$0.03402 per Kwh	393,049	\$13,372	393,049	\$13,372	393,049	\$13,372
Winter - First 750	0.03402 per Kwh	629,155	21,404	629,155	21,404	629,155	21,404
Winter - Over 750	0.02302 per Kwh	588,879	13,556	588,879	13,556	588,879	13,556
Total Energy		<u>1,611,083</u>	<u>\$48,332</u>	<u>1,611,083</u>	<u>\$48,332</u>	<u>1,611,083</u>	<u>\$48,332</u>
Fuel at Current Rates	\$0.02408 per Kwh	1,611,083	\$38,795				
Fuel Projected 2022	0.02163 per Kwh			1,611,083	\$34,848		
Fuel Projected 2023	0.02241 per Kwh					1,611,083	\$36,104
Riders							
Renewable Rider	\$0.00000 per Kwh	1,611,083	\$0	1,611,083	\$0	1,611,083	\$0
Generation Rider	0.00187 per Kwh	1,611,083	3,013	1,611,083	3,013	1,611,083	3,013
Environmental Rider	0.00000 per Kwh	1,611,083	0	1,611,083	0	1,611,083	0
Transmission Rider	0.00000 per Kwh	1,611,083	0	1,611,083	0	1,611,083	0
Total Riders			<u>\$3,013</u>		<u>\$3,013</u>		<u>\$3,013</u>
Total Revenue			<u>\$161,578</u>		<u>\$157,631</u>		<u>\$158,887</u>

1/ Basic service charge revenue = billing units \* basic service charge rate \* 365 days.

2/

Per Books Kwh	Prorate Factors
393,049	24.396% Summer
629,155	39.052% Winter - First 750
588,879	36.552% Winter - Over 750
<u>1,611,083</u>	<u>100.000%</u>

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General Primary Rate 30	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units 2/	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$100.00 per month	39	\$46,800	40	\$48,000	40	\$48,000
Energy	\$0.01414 per Kwh	232,863,274	\$3,292,687	234,743,374	\$3,319,271	226,484,074	\$3,202,485
Demand							
Summer	\$14.00 per KW	173,396.7	\$2,427,554	177,493.0	\$2,484,902 3/	173,353.0	\$2,426,942 4/
Winter	11.00 per KW	334,647.2	3,681,119	337,882.6	3,716,709 3/ 4/	333,742.6	3,671,169 4/
Total Demand		508,043.9	\$6,108,673	515,375.6	\$6,201,611	507,095.6	\$6,098,111
Fuel at Current Rates	\$0.02283 per Kwh	232,863,274	\$5,316,269				
Fuel Projected 2022	0.02097 per Kwh			234,743,374	\$4,922,569		
Fuel Projected 2023	0.02179 per Kwh					226,484,074	\$4,935,088
Riders							
Renewable Rider	\$0.00000 per Kwh	232,863,274	\$0	234,743,374	\$0	226,484,074	\$0
Generation Rider	0.55211 per KW	508,043.9	280,496	515,375.6	284,544	507,095.6	279,973
Environmental Rider	0.00000 per Kwh	232,863,274	0	234,743,374	0	226,484,074	0
Transmission Rider	0.00000 per Kwh	232,863,274	0	234,743,374	0	226,484,074	0
Total Riders			\$280,496		\$284,544		\$279,973
Total Revenue			\$15,044,925		\$14,775,995		\$14,563,657

1/ Basic service charge revenue = billing units \* basic service charge rate \* 12 months.

2/ Rate 38 customer requested service be moved to General Service Rate 30 Primary in 2022.

3/ Projected 2022 Kw resulting from 2/.

Per Books Kw	Demand Rate Prorate Factors	Customer moved in 2022		Projected 2022	
		Per Books Kw	Kw	Per Books Kw	Kw
173,396.7	34.130% Summer	4,096.3	177,493.0		
334,647.2	65.870% Winter	5,995.4	340,642.6		
508,043.9	100.000%	10,091.7	518,135.6		

4/ Reflects savings from large customer installing distributed generation at facility. Expected to be fully operational mid-September 2022. Kw savings resulting from project reflected starting in October 2022.

Est. 2022 KW reduction:	Winter	Est. 2023 KW reduction:	Summer	Winter	2023 total
	2,760.0		4,140.0	6,900.0	11,040.0

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General Secondary Rate 30	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units 5/	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$56.00 per month	4,434	\$2,979,648	4,508	\$3,029,376	4,566	\$3,068,352
Basic Service Charge 1/ 2/	\$0.05 per day	1	18	1	18	1	18
Basic Service Charge 1/ 3/	\$0.19 per day	2	139	2	139	2	139
Basic Service Charge 1/ 4/	\$0.33 per day	4	482	4	482	4	482
			<u>\$2,980,287</u>		<u>\$3,030,015</u>		<u>\$3,068,991</u>
Energy	\$0.02331 per Kwh	704,853,594	\$16,430,137	721,097,871	\$16,808,791	722,746,179	\$16,847,213
Demand 6/ Summer	\$12.50 per KW	755,979.8	\$9,449,747	772,932.1	\$9,661,651	774,698.9	\$9,683,736
Winter	9.50 per KW	1,393,684.9	13,240,007	1,424,958.2	13,537,103	1,428,215.4	13,568,046
Total Demand		<u>2,149,664.7</u>	<u>\$22,689,754</u>	<u>2,197,890.3</u>	<u>\$23,198,754</u>	<u>2,202,914.3</u>	<u>\$23,251,782</u>
Fuel at Current Rates	\$0.02408 per Kwh	704,853,594	\$16,972,875				
Fuel Projected 2022	0.02163 per Kwh			721,097,871	\$15,597,347		
Fuel Projected 2023	0.02241 per Kwh					722,746,179	\$16,196,742
Riders							
Renewable Rider	\$0.00000 per Kwh	704,853,594	\$0	721,097,871	\$0	722,746,179	\$0
Generation Rider	0.55211 per KW	2,149,664.7	1,186,851	2,197,890.3	1,213,477	2,202,914.3	1,216,251
Environmental Rider	0.00000 per Kwh	704,853,594	0	721,097,871	0	722,746,179	0
Transmission Rider	0.00000 per Kwh	704,853,594	0	721,097,871	0	722,746,179	0
Total Riders			<u>\$1,186,851</u>		<u>\$1,213,477</u>		<u>\$1,216,251</u>
Total Revenue			<u><u>\$60,259,904</u></u>		<u><u>\$59,848,384</u></u>		<u><u>\$60,580,979</u></u>

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General Secondary Rate 30	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units 5/	Revenue	Billing Units	Revenue

- 1/ Basic service charge revenue = billing units \* basic service rate \* 12 months.
- 2/ Basic service charge for Rate 95 - single phase, no instrument transformer.
- 3/ Basic service charge for Rate 95 - single phase with instrument transformer.
- 4/ Basic service charge for Rate 95 - three phase with instrument transformer.
- 5/ 17 customer accounts requested to be moved from Rate 31 to Rate 30 Secondary in 2022.

6/		Demand Rate
KW		Prorate Factors
755,979.8		35.167% Summer
1,393,684.9		64.833% Winter
<u>2,149,664.7</u>		<u>100.000%</u>

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General Rate 30 (Tesoro Contract)	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$100.00 per month	1	\$1,200	1	\$1,200	1	\$1,200
Energy 2/							
First 1.5 Million Kwh	\$0.02148 per Kwh	18,000,000	\$386,640	18,000,000	\$386,640	18,000,000	\$386,640
Over 1.5 Million Kwh	0.01472 per Kwh	80,750,754	1,188,651	80,750,754	1,188,651	80,750,754	1,188,651
		<u>98,750,754</u>	<u>1,575,291</u>	<u>98,750,754</u>	<u>1,575,291</u>	<u>98,750,754</u>	<u>1,575,291</u>
Demand 2/							
Summer	\$8.56 per KW	57,085.5	\$488,652	57,085.5	\$488,652	57,085.5	\$488,652
Winter	5.44 per KW	104,431.8	568,109	104,431.8	568,109	104,431.8	568,109
Total Demand		<u>161,517.3</u>	<u>\$1,056,761</u>	<u>161,517.3</u>	<u>\$1,056,761</u>	<u>161,517.3</u>	<u>\$1,056,761</u>
Fuel at Current Rates	\$0.02283 per Kwh	98,750,754	\$2,254,480				
Fuel Projected 2022	0.02097 per Kwh			98,750,754	\$2,070,803		
Fuel Projected 2023	0.02179 per Kwh					98,750,754	\$2,151,779
Riders							
Renewable Rider	\$0.00000 per Kwh	98,750,754	\$0	98,750,754	\$0	98,750,754	\$0
Generation Rider	0.55211 per KW	161,517.3	89,175	161,517.3	89,175	161,517.3	89,175
Environmental Rider	0.00000 per Kwh	98,750,754	0	98,750,754	0	98,750,754	0
Transmission Rider	0.00000 per Kwh	98,750,754	0	98,750,754	0	98,750,754	0
Total Riders			<u>\$89,175</u>		<u>\$89,175</u>		<u>\$89,175</u>
Total Revenue			<u>\$4,976,907</u>		<u>\$4,793,230</u>		<u>\$4,874,206</u>

1/ Basic service charge revenue = billing units \* basic service charge rate \* 12 months.

Energy Rate		Demand Rate		
Prorate Factors		Prorate Factors		
18,000,000	18.228%	57,085.5	35.343%	Summer
80,750,754	81.772%	104,431.8	64.657%	Winter
<u>98,750,754</u>	<u>100.000%</u>	<u>161,517.3</u>	<u>100.000%</u>	

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General Rate 30 (Sabin Contract)	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$100.00 per month	1	\$1,200	1	\$1,200	1	\$1,200
Energy 2/							
First 2.3 Million Kwh	\$0.01669 per Kwh	26,032,640	434,485	26,032,640	434,485	26,032,640	434,485
Over 2.3 Million Kwh	\$0.01144 per Kwh	1,135,200	12,987	1,135,200	12,987	1,135,200	12,987
		<u>27,167,840</u>	<u>447,472</u>	<u>27,167,840</u>	<u>447,472</u>	<u>27,167,840</u>	<u>447,472</u>
Demand 2/							
Summer							
First 5,000 Kw	\$8.58 per KW	18,126.8	155,528	18,126.8	155,528	18,126.8	155,528
Over 5,000 Kw	\$5.72 per KW	0.0	0	0.0	0	0.0	0
Winter							
First 5,000 Kw	\$5.72 per KW	37,098.1	212,201	37,098.1	212,201	37,098.1	212,201
Over 5,000 Kw	\$5.72 per KW	0.0	0	0.0	0	0.0	0
		<u>55,224.9</u>	<u>367,729</u>	<u>55,224.9</u>	<u>367,729</u>	<u>55,224.9</u>	<u>367,729</u>
Fuel at Current Rates	\$0.02283 per Kwh	27,167,840	\$620,242				
Fuel Projected 2022	0.02097 per Kwh			27,167,840	\$569,710		
Fuel Projected 2023	0.02179 per Kwh					27,167,840	\$591,987
Riders							
Renewable Rider	\$0.00000 per Kwh	27,167,840	\$0	27,167,840	\$0	27,167,840	\$0
Generation Rider	0.55211 per KW	55,224.9	30,490	55,224.9	30,490	55,224.9	30,490
Environmental Rider	0.00000 per Kwh	27,167,840	0	27,167,840	0	27,167,840	0
Transmission Rider	0.00000 per Kwh	27,167,840	0	27,167,840	0	27,167,840	0
Total Riders			<u>\$30,490</u>		<u>\$30,490</u>		<u>\$30,490</u>
Total Revenue			<u><u>\$1,467,133</u></u>		<u><u>\$1,416,601</u></u>		<u><u>\$1,438,878</u></u>

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General Rate 30 (Sabin Contract)	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue

1/ Basic service charge revenue = billing units \* basic service charge rate \* 12 months.

Energy Rate Prorate Factors		Demand Rate Prorate Factors	
26,032,640	95.822% First 2.3 Million Kwh	18,126.8	32.824% Summer - First 5,000 Kw
1,135,200	4.178% Over 2.3 Million Kwh	37,098.1	0.000% Summer - Over 5,000 Kw
27,167,840	100.000%	55,224.9	67.176% Winter - First 5,000 Kw
			0.000% Winter - Over 5,000 Kw
			100.000%

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General TOD Rate 31 Primary	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$97.00 per month	1	\$1,164	1	\$1,164	1	\$1,164
Energy 2/							
On-Peak	\$0.01607 per Kwh	652,800	\$10,490	652,800	\$10,490	652,800	\$10,490
Off-Peak	\$0.01357 per Kwh	1,825,200	24,768	1,825,200	24,768	1,825,200	24,768
Total Energy		2,478,000	\$35,258	2,478,000	\$35,258	2,478,000	\$35,258
Demand 2/							
On-Peak - Summer	\$15.25 per KW	1,761.1	\$26,857	1,761.1	\$26,857	1,761.1	\$26,857
Off-Peak - Summer	0.00 per KW	1,672.0	0	1,672.0	0	1,672.0	0
On-Peak - Winter	12.25 per KW	3,108.5	38,079	3,108.5	38,079	3,108.5	38,079
Off-Peak - Winter	0.00 per KW	2,951.7	0	2,951.7	0	2,951.7	0
		9,493.3	\$64,936	9,493.3	\$64,936	9,493.3	\$64,936
Fuel at Current Rates	\$0.02283 per Kwh	2,478,000	\$56,573				
Fuel Projected 2022	0.02097 per Kwh			2,478,000	\$51,964		
Fuel Projected 2023	0.02179 per Kwh					2,478,000	\$53,996
Riders							
Renewable Rider	\$0.00000 per Kwh	2,478,000	\$0	2,478,000	\$0	2,478,000	\$0
Generation Rider	0.55211 per KW	4,869.6	2,689	4,869.6	2,689	4,869.6	2,689
Environmental Rider	0.00000 per Kwh	2,478,000	0	2,478,000	0	2,478,000	0
Transmission Rider	0.00000 per Kwh	2,478,000	0	2,478,000	0	2,478,000	0
Total Riders			\$2,689		\$2,689		\$2,689
Total Revenue			\$160,620		\$156,011		\$158,043

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General TOD Rate 31 Primary	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue

1/ Basic service charge revenue = billing units \* basic service charge rate \* 12 months.

Energy Rate Prorate Factors			Demand Rate Prorate Factors		
652,800	26.344%	On-Peak	1,761.1	36.165%	On-Peak - Summer
1,825,200	73.656%	Off-Peak	3,108.5	63.835%	On-Peak - Winter
<u>2,478,000</u>	<u>100.000%</u>		<u>4,869.6</u>	<u>100.000%</u>	Total On-Peak
			1,672.0	36.162%	Off-Peak - Summer
			2,951.7	63.838%	Off-Peak - Winter
			<u>4,623.7</u>	<u>100.000%</u>	Total Off-Peak

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General TOD Rate 31 Secondary	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units 2/	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$72.00 per month	67	\$57,888	51	\$44,064	52	\$44,928
Energy 3/							
On-Peak	\$0.02512 per Kwh	4,116,039	\$103,395	3,856,807	\$96,883	3,865,623	\$97,104
Off-Peak	\$0.02262 per Kwh	10,697,789	241,984	9,964,894	225,406	9,987,672	225,921
Total Energy		14,813,828	\$345,379	13,821,701	\$322,289	13,853,295	\$323,025
Demand 3/							
Summer							
On-Peak	\$14.75 per KW	14,740.3	\$217,419	14,101.8	\$208,002	14,134.0	\$208,477
Off-Peak	0.00 per KW	15,255.8	0	14,611.2	0	14,644.6	0
Winter							
On-Peak	10.75 per KW	25,766.4	276,989	24,650.0	264,988	24,706.3	265,593
Off-Peak	0.00 per KW	26,373.0	0	25,259.0	0	25,316.7	0
		82,135.5	\$494,408	78,622.0	\$472,990	78,801.6	\$474,070
Fuel at Current Rates	\$0.02408 per Kwh	14,813,828	\$356,717				
Fuel Projected 2022	0.02163 per Kwh			13,821,701	\$298,963		
Fuel Projected 2023	0.02241 per Kwh					13,853,295	\$310,452
Riders							
Renewable Rider	\$0.00000 per Kwh	14,813,828	\$0	13,821,701	\$0	13,853,295	\$0
Generation Rider	0.55211 per KW	40,506.7	22,364	38,751.8	21,395	38,840.3	21,444
Environmental Rider	0.00000 per Kwh	14,813,828	0	13,821,701	0	13,853,295	0
Transmission Rider	0.00000 per Kwh	14,813,828	0	13,821,701	0	13,853,295	0
Total Riders			\$22,364		\$21,395		\$21,444
Total Revenue			<u>\$1,276,756</u>		<u>\$1,159,701</u>		<u>\$1,173,919</u>

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General TOD		Per Books at Current Rates		Projected 2022		Projected 2023	
Rate 31 Secondary	Rate	Billing Units	Revenue	Billing Units 2/	Revenue	Billing Units	Revenue

1/ Basic service charge revenue = billing units \* basic service charge rate \* 12 months.

2/ 17 customer accounts moved to rate 30 in 2022.

3/ Energy Rate			Demand Rate		
Prorate Factors			Billing Units	Revenue	
4,116,039	27.785%	On-Peak	14,740.3	36.390%	On-Peak - Summer
10,697,789	72.215%	Off-Peak	25,766.4	63.610%	On-Peak - Winter
14,813,828	100.000%		40,506.7	100.000%	
			15,255.8	36.647%	Off-Peak - Summer
			26,373.0	63.353%	Off-Peak - Winter
			41,628.8	100.000%	
			82,135.5		

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General Space Heating Secondary Rate 32	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$21.00 per month	587	\$147,924	595	\$149,940	603	\$151,956
Energy	\$0.02422 per Kwh	55,908,784	\$1,354,111	57,096,787	\$1,382,884	57,227,301	\$1,386,045
Demand 2/							
Summer	\$12.50 per KW	38,387.4	\$479,843	39,202.3	\$490,029	39,291.9	\$491,149
Winter	\$1.00 per KW	<u>225,818.8</u>	<u>225,819</u>	<u>230,618.6</u>	<u>230,619</u>	<u>231,145.8</u>	<u>231,146</u>
Total Demand		<u>264,206.2</u>	<u>\$705,662</u>	<u>269,820.9</u>	<u>\$720,648</u>	<u>270,437.7</u>	<u>\$722,295</u>
Fuel at Current Rates	\$0.02408 per Kwh	55,908,784	\$1,346,284				
Fuel Projected 2022	0.02163 per Kwh			57,096,787	\$1,235,004		
Fuel Projected 2023	0.02241 per Kwh					57,227,301	\$1,282,464
Riders							
Renewable Rider	\$0.00000 per Kwh	55,908,784	\$0	57,096,787	\$0	57,227,301	\$0
Generation Rider	0.24209 per KW	264,206.2	63,962	269,820.9	65,321	270,437.7	65,470
Environmental Rider	0.00000 per Kwh	55,908,784	0	57,096,787	0	57,227,301	0
Transmission Rider	0.00000 per Kwh	55,908,784	0	57,096,787	0	57,227,301	0
Total Riders			<u>\$63,962</u>		<u>\$65,321</u>		<u>\$65,470</u>
Total Revenue			<u><u>\$3,617,943</u></u>		<u><u>\$3,553,797</u></u>		<u><u>\$3,608,230</u></u>

1/ Basic service charge revenue = billing units \* basic service charge rate \* 12 months.

2/ Demand Prorate

Factors	
38,387.4	14.529% Summer
225,818.8	85.471% Winter
<u>264,206.2</u>	<u>100.000%</u>

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Interruptible Large Power Demand Response Rate 38	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/							
Customer 1	\$95.00 per month	1	\$1,140	1	\$1,140	1	\$1,140
Customer 2 2/	388.05 per month	1	4,657		-		-
Customer 3	100.00 per month	1	1,200	1	1,200	1	1,200
Customer 4 3/	300.00 per month					1	3,600
		<u>3</u>	<u>\$6,997</u>	<u>2</u>	<u>\$2,340</u>	<u>3</u>	<u>\$5,940</u>
Energy	\$0.01252 per Kwh	23,342,800	\$292,252	18,709,600	\$234,244	21,795,700	\$272,882
Demand							
Summer	\$11.00 per KW	27,085.1	\$297,936	22,988.8	\$252,877 4/	26,253.7	\$288,791 5/
Winter	8.00 per KW	52,861.8	422,894	46,866.4	374,931 4/	53,935.3	431,482 5/
Total Demand		<u>79,946.9</u>	<u>\$720,830</u>	<u>69,855.2</u>	<u>\$627,808</u>	<u>80,189.0</u>	<u>\$720,273</u>
Fuel at Current Rates	\$0.02283 per Kwh	23,342,800	\$532,916				
Fuel Projected 2022	0.02097 per Kwh			18,709,600	\$392,340		
Fuel Projected 2023	0.02179 per Kwh					21,795,700	\$474,928
Riders							
Renewable Rider	\$0.00000 per Kwh	23,342,800	\$0	18,709,600	\$0	21,795,700	\$0
Generation Rider	0.55211 per KW	79,946.9	44,139	69,855.2	38,568	80,189.0	44,273
Environmental Rider	0.00000 per Kwh	23,342,800	0	18,709,600	0	21,795,700	0
Transmission Rider	0.00000 per Kwh	23,342,800	0	18,709,600	0	21,795,700	0
Total Riders			<u>\$44,139</u>		<u>\$38,568</u>		<u>\$44,273</u>
Total Revenue			<u><u>\$1,597,134</u></u>		<u><u>\$1,295,300</u></u>		<u><u>\$1,518,296</u></u>

**MONTANA-DAKOTA UTILITIES CO.  
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<u>Interruptible Large Power</u>		<u>Per Books at Current Rates</u>		<u>Projected 2022</u>		<u>Projected 2023</u>	
<u>Demand Response Rate 38</u>	<u>Rate</u>	<u>Billing Units</u>	<u>Revenue</u>	<u>Billing Units</u>	<u>Revenue</u>	<u>Billing Units</u>	<u>Revenue</u>

- 1/ Basic service charge revenue = billing units \* basic service charge rate \* 12 months.  
 2/ Rate 38 customer requested service be moved to General Service Rate 30 Primary in 2022.  
 3/ Contract customer's service moves to Rate 38 effective January 1, 2023.  
 4/ Projected 2022 Kw resulting from 2/.

<u>Per Books Kw</u>	<u>Demand Rate Prorate Factors</u>	<u>Customer removed in 2022 Per Books Kw</u>	<u>2022 Total Kw</u>
27,085.1	33.879%	4,096.3	22,988.8
52,861.8	66.121%	5,995.4	46,866.4
<u>79,946.9</u>	<u>100.000%</u>	<u>10,091.7</u>	<u>69,855.2</u>

- 5/ Projected 2023 Kw resulting from 3/.

<u>2022 Total Kw</u>	<u>Demand Rate Prorate Factors</u>	<u>Customer moving in 2023 Per Books Kw</u>	<u>2023 Total Kw</u>
22,988.8	32.909%	3,264.9	26,253.7
46,866.4	67.091%	7,068.9	53,935.3
<u>69,855.2</u>	<u>100.000%</u>	<u>10,333.8</u>	<u>80,189.0</u>

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Interruptible Large Power Demand Response Rate 38 (Capitol Contract)	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/	\$100.00 per month	1	\$1,200	1	\$1,200	1	\$1,200
Energy	\$0.01252 per Kwh	10,190,400	\$127,584	10,190,400	\$127,584	10,190,400	\$127,584
Demand 2/ Summer	\$11.00 per KW	8,503.4	\$93,537	8,503.4	\$93,537	8,503.4	\$93,537
Winter	8.00 per KW	15,482.3	123,858	15,482.3	123,858	15,482.3	123,858
Total Demand		<u>23,985.7</u>	<u>\$217,395</u>	<u>23,985.7</u>	<u>\$217,395</u>	<u>23,985.7</u>	<u>\$217,395</u>
Fuel at Current Rates	\$0.02283 per Kwh	10,190,400	\$232,647				
Fuel Projected 2022	0.02097 per Kwh			10,190,400	\$213,693		
Fuel Projected 2023	0.02179 per Kwh					10,190,400	\$222,049
Riders							
Renewable Rider	\$0.00000 per Kwh	10,190,400	\$0	10,190,400	\$0	10,190,400	\$0
Generation Rider	0.55211 per KW	23,985.7	13,243	23,985.7	13,243	23,985.7	13,243
Environmental Rider	0.00000 per Kwh	10,190,400	0	10,190,400	0	10,190,400	0
Transmission Rider	0.00000 per Kwh	10,190,400	0	10,190,400	0	10,190,400	0
Total Riders			<u>\$13,243</u>		<u>\$13,243</u>		<u>\$13,243</u>
Total Revenue			<u><u>\$592,069</u></u>		<u><u>\$573,115</u></u>		<u><u>\$581,471</u></u>

1/ Basic service charge revenue = billing units \* basic service charge rate \* 12 months.

2/

Demand Prorate		
8,503.4	35.452%	Summer
15,482.3	64.548%	Winter
<u>23,985.7</u>	<u>100.000%</u>	

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Interruptible Large Power (American Colloid Contract)	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue 2/	Billing Units	Revenue 2/	Billing Units	Revenue 3/
Basic Service Charge 1/	\$300.00 per month	1	\$3,600	1	\$3,600	0	\$0
Energy	\$0.01053 per Kwh	3,086,100	\$32,497	3,086,100	\$32,497	0	\$0
Demand	\$5.638 per KW						
Summer 4/	\$8.319 per KW	3,264.9	\$27,161	3,264.9	\$27,161	0.0	\$0
Winter 4/	6.819 per KW	7,068.9	48,203	7,068.9	48,203	0.0	0
Total Demand		10,333.8	\$75,364	10,333.8	\$75,364	0.0	\$0
Fuel at Current Rates	\$0.02283 per Kwh	3,086,100	\$70,456				
Fuel Projected 2022	0.02097 per Kwh			3,086,100	\$64,716		
Fuel Projected 2023	0.02179 per Kwh					0	\$0
Riders							
Renewable Rider	\$0.00000 per Kwh	3,086,100	\$0	3,086,100	\$0	0	\$0
Generation Rider	0.55211 per KW	10,333.8	5,705	10,333.8	5,705	0.0	0
Environmental Rider	0.00000 per Kwh	3,086,100	0	3,086,100	0	0	0
Transmission Rider	0.00000 per Kwh	3,086,100	0	3,086,100	0	0	0
Total Riders			\$5,705		\$5,705		\$0
Total Revenue			\$187,622		\$181,882		\$0

1/ Basic service charge revenue = billing units \* basic service charge rate \* 12 months.

2/ Per terms of contract, Energy Charge of \$0.01053 and summer/winter Demand Charges become applicable January 1, 2022.

3/ Per terms of contract, Rate 38 charges become applicable January 1, 2023.

4/ Demand Prorate

Factors	
3,264.9	31.594% Summer
7,068.9	68.406% Winter
10,333.8	100.000%

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Municipal Lighting Service Primary, Rate 41	Rate		Per Books at Current Rates		Projected 2022		Projected 2023	
			Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
<b>Energy</b>								
Accts with No Discount	\$0.05096	per Kwh	0	\$0	0	\$0	0	\$0
Accts with 10% Discount 1/	0.04586	per Kwh	1,174,555	53,865	1,174,555	53,865	1,174,555	53,865
Total Energy			1,174,555	\$53,865	1,174,555	\$53,865	1,174,555	\$53,865
<b>Fuel at Current Rates</b>								
Fuel at Current Rates	\$0.02283	per Kwh	1,174,555	\$26,815				
Fuel Projected 2022	0.02097	per Kwh			1,174,555	\$24,630		
Fuel Projected 2023	0.02179	per Kwh					1,174,555	\$25,594
<b>Riders</b>								
<b>Renewable Rider</b>								
Accts with No Discount	\$0.00000	per Kwh	0	\$0	0	\$0	0	\$0
Accts with 10% Discount 1/	0.00000	per Kwh	1,174,555	0	1,174,555	0	1,174,555	0
Total Renewable Rider			1,174,555	\$0	1,174,555	\$0	1,174,555	\$0
<b>Generation Rider</b>								
Accts with No Discount	\$0.00092	per Kwh	0	\$0	0	\$0	0	\$0
Accts with 10% Discount 1/	0.00083	per Kwh	1,174,555	975	1,174,555	975	1,174,555	975
Total Generation Rider			1,174,555	\$975	1,174,555	\$975	1,174,555	\$975
<b>Environmental Rider</b>								
Accts with No Discount	\$0.00000	per Kwh	0	\$0	0	\$0	0	\$0
Accts with 10% Discount 1/	0.00000	per Kwh	1,174,555	0	1,174,555	0	1,174,555	0
Total Environmental Rider			1,174,555	\$0	1,174,555	\$0	1,174,555	\$0
<b>Transmission Rider</b>								
Accts with No Discount	\$0.00000	per Kwh	0	\$0	0	\$0	0	\$0
Accts with 10% Discount 1/	0.00000	per Kwh	1,174,555	0	1,174,555	0	1,174,555	0
Total Transmission Rider			1,174,555	\$0	1,174,555	\$0	1,174,555	\$0
Total Riders				\$975		\$975		\$975
Total Revenue				\$81,655		\$79,470		\$80,434

1/ Charges for energy and riders are discounted to reflect 10% city discount as discount is applicable to all rate components excluding the FPPA.

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Municipal Lighting Service Secondary, Rate 41	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Energy 2/							
Accts with No Discount	\$0.05596 per Kwh	1,187,157	\$66,433	1,187,157	\$66,433	1,187,157	\$66,433
Accts with 10% Discount 1/	0.05036 per Kwh	10,946,620	551,272	10,946,620	551,272	10,946,620	551,272
Total Energy		12,133,777	\$617,705	12,133,777	\$617,705	12,133,777	\$617,705
Fuel at Current Rates	\$0.02408 per Kwh	12,133,777	\$292,181				
Fuel Projected 2022	0.02163 per Kwh			12,133,777	\$262,454		
Fuel Projected 2023	0.02241 per Kwh					12,133,777	\$271,918
Riders							
Renewable Rider							
Accts with No Discount	\$0.00000 per Kwh	1,187,157	\$0	1,187,157	\$0	1,187,157	\$0
Accts with 10% Discount 1/	0.00000 per Kwh	10,946,620	0	10,946,620	0	10,946,620	0
Total Renewable Rider		12,133,777	\$0	12,133,777	\$0	12,133,777	\$0
Generation Rider							
Accts with No Discount	\$0.00092 per Kwh	1,187,157	\$1,092	1,187,157	\$1,092	1,187,157	\$1,092
Accts with 10% Discount 1/	0.00083 per Kwh	10,946,620	9,086	10,946,620	9,086	10,946,620	9,086
Total Generation Rider		12,133,777	\$10,178	12,133,777	\$10,178	12,133,777	\$10,178
Environmental Rider							
Accts with No Discount	\$0.00000 per Kwh	1,187,157	\$0	1,187,157	\$0	1,187,157	\$0
Accts with 10% Discount 1/	0.00000 per Kwh	10,946,620	0	10,946,620	0	10,946,620	0
Total Environmental Rider		12,133,777	\$0	12,133,777	\$0	12,133,777	\$0
Transmission Rider							
Accts with No Discount	\$0.00000 per Kwh	1,187,157	\$0	1,187,157	\$0	1,187,157	\$0
Accts with 10% Discount 1/	0.00000 per Kwh	10,946,620	0	10,946,620	0	10,946,620	0
Total Transmission Rider		12,133,777	\$0	12,133,777	\$0	12,133,777	\$0
Total Riders			\$10,178		\$10,178		\$10,178
Total Revenue			\$920,064		\$890,337		\$899,801

1/ Charges for energy and riders are discounted to reflect 10% city discount as discount is applicable to all rate components excluding the FPPA.

2/ Prorate Factors:	Kwh	%
Discounted	10,946,620	90.216%
Not Discounted	1,187,157	9.784%
	<u>12,133,777</u>	<u>100.000%</u>

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**ELECTRIC UTILITY - NORTH DAKOTA**  
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Municipal Pumping Service Primary Rate 48	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
<b>Basic Service Charge 1/</b>							
Accts with No Discount	\$80.00 per month	0	\$0	0	\$0	0	\$0
Accts with 10% Discount 2/	72.00 per month	5	4,320	5	4,320	5	4,320
<b>Total Basic Service Charge</b>		<u>5</u>	<u>\$4,320</u>	<u>5</u>	<u>\$4,320</u>	<u>5</u>	<u>\$4,320</u>
<b>Energy</b>							
Accts with No Discount	\$0.01798 per Kwh	0	\$0	0	\$0	0	\$0
Accts with 10% Discount 2/	0.01618 per Kwh	23,520,600	380,563	23,520,600	380,563	23,520,600	380,563
<b>Total Energy</b>		<u>23,520,600</u>	<u>\$380,563</u>	<u>23,520,600</u>	<u>\$380,563</u>	<u>23,520,600</u>	<u>\$380,563</u>
<b>Demand Billed 3/</b>							
<b>Summer</b>							
Accts with No Discount	\$9.00 per KW	0.0	\$0	0.0	\$0	0.0	\$0
Accts with 10% Discount 2/	8.10 per KW	20,780.4	168,321	20,780.4	\$168,321	20,780.4	168,321
<b>Winter</b>							
Accts with No Discount	6.00 per KW	0.0	0	0.0	0	0.0	0
Accts with 10% Discount 2/	5.40 per KW	30,215.0	163,161	30,215.0	163,161	30,215.0	163,161
<b>Total Demand Billed</b>		<u>50,995.4</u>	<u>\$331,482</u>	<u>50,995.4</u>	<u>\$331,482</u>	<u>50,995.4</u>	<u>\$331,482</u>
Fuel at Current Rates	\$0.02283 per Kwh	23,520,600	\$536,975				
Fuel Projected 2022	0.02097 per Kwh			23,520,600	\$493,227		
Fuel Projected 2023	0.02179 per Kwh					23,520,600	\$512,514
<b>Riders</b>							
<b>Renewable Rider</b>							
Accts with No Discount	\$0.00000 per Kwh	0	\$0	0	\$0	0	\$0
Accts with 10% Discount 2/	0.00000 per Kwh	23,520,600	0	23,520,600	0	23,520,600	0
<b>Total Renewable Rider</b>		<u>23,520,600</u>	<u>0</u>	<u>23,520,600</u>	<u>0</u>	<u>23,520,600</u>	<u>0</u>
<b>Generation Rider</b>							
Accts with No Discount	0.55211 per KW	0.0	\$0	0.0	\$0	0.0	\$0
Accts with 10% Discount 2/	0.49690 per KW	50,995.4	25,340	50,995.4	25,340	50,995.4	25,340
<b>Total Generation Rider</b>		<u>50,995.4</u>	<u>25,340</u>	<u>50,995.4</u>	<u>25,340</u>	<u>50,995.4</u>	<u>25,340</u>

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Municipal Pumping Service Primary Rate 48	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Environmental Rider							
Accts with No Discount	\$0.00000 per Kwh	0	\$0	0	\$0	0	\$0
Accts with 10% Discount 2/	0.00000 per Kwh	23,520,600	0	23,520,600	0	23,520,600	0
Total Environmental Rider		<u>23,520,600</u>	<u>0</u>	<u>23,520,600</u>	<u>0</u>	<u>23,520,600</u>	<u>0</u>
Transmission Rider							
Accts with No Discount	\$0.00000 per Kwh	0	\$0	0	\$0	0	\$0
Accts with 10% Discount 2/	0.00000 per Kwh	23,520,600	0	23,520,600	0	23,520,600	0
Total Transmission Rider		<u>23,520,600</u>	<u>0</u>	<u>23,520,600</u>	<u>0</u>	<u>23,520,600</u>	<u>0</u>
Total Riders			<u>\$25,340</u>		<u>\$25,340</u>		<u>\$25,340</u>
Total Revenue			<u><u>\$1,278,680</u></u>		<u><u>\$1,234,932</u></u>		<u><u>\$1,254,219</u></u>

1/ Basic service charge revenue = billing units \* basic service charge rate \* 12 months.

2/ Basic service charge, energy charge, demand charge, and riders are discounted to reflect 10% city discount as discount is not applicable to Fuel and Purchased Power.

3/ Demand Prorate Factors	KW	%
Summer	20,780.4	40.750%
Winter	30,215.0	59.250%
	<u>50,995.4</u>	<u>100.000%</u>

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Municipal Pumping Service Secondary Rate 48	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge 1/ Accts with No Discount	\$45.00 per month	55	\$29,700	55	\$29,700	55	\$29,700
Accts with 10% Discount 2/	40.50 per month	248	120,528	248	120,528	248	120,528
Total Basic Service Charge		303	150,228	303	150,228	303	150,228
Excess Facilities Charge	\$194.15 per month	1	2,330	1	2,330	1	2,330
			\$152,558		\$152,558		\$152,558
Energy 3/ Accts with No Discount	\$0.01898 per Kwh	3,423,186	\$64,972	3,423,186	\$64,972	3,423,186	\$64,972
Accts with 10% Discount 2/	0.01708 per Kwh	18,922,797	323,201	18,922,797	323,201	18,922,797	323,201
Total Energy		22,345,983	\$388,173	22,345,983	\$388,173	22,345,983	\$388,173
Demand Billed 3/ Accts with No Discount							
Summer	\$9.00 per KW	4,221.1	\$37,990	4,221.1	\$37,990	4,221.1	\$37,990
Winter	6.00 per KW	8,140.2	48,841	8,140.2	48,841	8,140.2	48,841
Total No Discount		12,361.3	86,831	12,361.3	86,831	12,361.3	86,831
Accts with 10% Discount 2/							
Summer	\$8.10 per KW	21,981.3	178,049	21,981.3	178,049	21,981.3	178,049
Winter	5.40 per KW	40,123.7	216,668	40,123.7	216,668	40,123.7	216,668
Total Discount		62,105.0	394,717	62,105.0	394,717	62,105.0	394,717
Total Demand Billed		74,466.3	\$481,548	74,466.3	\$481,548	74,466.3	\$481,548
Installed KVA (HP) Accts with No Discount							
Summer	\$9.00 per KW	346.5	\$3,119	346.5	\$3,119	346.5	\$3,119
Winter	6.00 per KW	687.7	4,126	687.7	4,126	687.7	4,126
Total No Discount		1,034.2	7,245	1,034.2	7,245	1,034.2	7,245

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Municipal Pumping Service Secondary Rate 48	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Accts with 10% Discount 2/ Summer	\$8.10 per KW	2,708.9	21,942	2,708.9	21,942	2,708.9	21,942
Winter	5.40 per KW	5,475.5	29,568	5,475.5	29,568	5,475.5	29,568
Total Discount		8,184.4	51,510	8,184.4	51,510	8,184.4	51,510
Total Installed KVA (HP)		9,218.6	58,755	9,218.6	58,755	9,218.6	58,755
Total Demand		83,684.9	\$540,303	83,684.9	\$540,303	83,684.9	\$540,303
Fuel at Current Rates	\$0.02408 per Kwh	22,345,983	\$538,091				
Fuel Projected 2022	0.02163 per Kwh			22,345,983	\$483,344		
Fuel Projected 2023	0.02241 per Kwh					22,345,983	\$500,773
<b>Riders</b>							
<b>Renewable Rider</b>							
Accts with No Discount	\$0.00000 per Kwh	3,423,186	\$0	3,423,186	\$0	3,423,186	\$0
Accts with 10% Discount 2/	0.00000 per Kwh	18,922,797	0	18,922,797	0	18,922,797	0
Total Renewable Rider		22,345,983	0	22,345,983	0	22,345,983	0
<b>Generation Rider</b>							
<b>Demand Billed</b>							
Accts with No Discount	\$0.55211 per KW	12,361.3	6,825	12,361.3	6,825	12,361.3	6,825
Accts with 10% Discount 2/	\$0.49690 per KW	62,105.0	30,860	62,105.0	30,860	62,105.0	30,860
Total Demand Billed		74,466.3	37,685	74,466.3	37,685	74,466.3	37,685
<b>Installed KVA (HP)</b>							
Accts with No Discount	\$0.55211 per KW	1,034.2	571	1,034.2	571	1,034.2	571
Accts with 10% Discount 2/	\$0.49690 per KW	8,184.4	4,067	8,184.4	4,067	8,184.4	4,067
Total Installed KVA (HP)		9,218.6	4,638	9,218.6	4,638	9,218.6	4,638
Total Generation Rider		83,684.9	42,323	83,684.9	42,323	83,684.9	42,323
<b>Environmental Rider</b>							
Accts with No Discount	\$0.00000 per Kwh	3,423,186	0	3,423,186	0	3,423,186	0
Accts with 10% Discount 2/	0.00000 per Kwh	18,922,797	0	18,922,797	0	18,922,797	0
Total Environmental Rider		22,345,983	0	22,345,983	0	22,345,983	0

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM**

**Summary of Revenues  
Twelve Months Ended December 31, 2021**

Municipal Pumping Service Secondary Rate 48	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Transmission Rider							
Accts with No Discount	\$0.00000 per Kwh	3,423,186	0	3,423,186	0	3,423,186	0
Accts with 10% Discount 2/	0.00000 per Kwh	18,922,797	0	18,922,797	0	18,922,797	0
Total Transmission Rider		22,345,983	0	22,345,983	0	22,345,983	0
Total Riders			\$42,323		\$42,323		\$42,323
Total Revenue			\$1,661,448		\$1,606,701		\$1,624,130

1/ Basic service charge revenue = billing units \* basic service charge rate \* 12 months.

2/ Basic service charge, energy charge, demand charge, and riders are discounted to reflect 10% city discount as discount is not applicable to Fuel and Purchased Power.

3/ Prorate Factors:

Energy (Kwh)	Kwh	%
Discounted	18,922,797	84.681%
Not Discounted	3,423,186	15.319%
Total Energy	22,345,983	100.000%

Demand	KW Billed		HP Billed		Total Demand	
Discounted						
Summer	21,981.3	35.394%	2,708.9	33.098%	24,690.2	35.126%
Winter	40,123.7	64.606%	5,475.5	66.902%	45,599.2	64.874%
	62,105.0	100.000%	8,184.4	100.000%	70,289.4	100.000%
Not Discounted						
Summer	4,221.1	34.148%	346.5	33.504%	4,567.6	34.098%
Winter	8,140.2	65.852%	687.7	66.496%	8,827.9	65.902%
	12,361.3	100.000%	1,034.2	100.000%	13,395.5	100.000%
Total						
Summer	26,202.4		3,055.4		29,257.8	
Winter	48,263.9		6,163.2		54,427.1	
	74,466.3		9,218.6		83,684.9	

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM  
Summary of Revenues  
Twelve Months Ended December 31, 2021**

Outdoor Lighting Service Primary, Rate 52	Rate		Per Books at Current Rates		Projected 2022		Projected 2023	
			Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Energy	\$0.06357	per Kwh	34,081	\$2,167	34,081	\$2,167	34,081	\$2,167
Fuel at Current Rates	\$0.02283	per Kwh	34,081	\$778				
Fuel Projected 2022	0.02097	per Kwh			34,081	\$715		
Fuel Projected 2023	0.02179	per Kwh					34,081	\$743
Riders								
Renewable Rider	\$0.00000	per Kwh	34,081	\$0	34,081	\$0	34,081	\$0
Generation Rider	0.00092	per Kwh	34,081	31	34,081	31	34,081	31
Environmental Rider	0.00000	per Kwh	34,081	0	34,081	0	34,081	0
Transmission Rider	0.00000	per Kwh	34,081	0	34,081	0	34,081	0
Total Riders				\$31		\$31		\$31
Total Revenue				\$2,976		\$2,913		\$2,941

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTERIM  
Summary of Revenues  
Twelve Months Ended December 31, 2021**

Outdoor Lighting Service Secondary, Rate 52	Rate	Per Books at Current Rates		Projected 2022		Projected 2023	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Energy	\$0.06763 per Kwh	3,861,611	\$261,161	3,949,057	\$267,075	3,958,084	\$267,685
Fuel at Current Rates	\$0.02408 per Kwh	3,861,611	\$92,988				
Fuel Projected 2022	0.02163 per Kwh			3,949,057	\$85,418		
Fuel Projected 2023	0.02241 per Kwh					3,958,084	\$88,701
Riders							
Renewable Rider	\$0.00000 per Kwh	3,861,611	\$0	3,949,057	\$0	3,958,084	\$0
Generation Rider	0.00092 per Kwh	3,861,611	3,553	3,949,057	3,633	3,958,084	3,641
Environmental Rider	0.00000 per Kwh	3,861,611	0	3,949,057	0	3,958,084	0
Transmission Rider	0.00000 per Kwh	3,861,611	0	3,949,057	0	3,958,084	0
Total Rides			\$3,553		\$3,633		\$3,641
Total Revenue			\$357,702		\$356,126		\$360,027

MONTANA-DAKOTA UTILITIES CO.  
**MISCELLANEOUS REVENUES - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**TWELVE MONTHS ENDED DECEMBER 31, 2021**  
**PROJECTED 2022 - 2023**

	Per Books 2021	Projected	
		2022	2023
<u>Miscellaneous Service Revenue:</u>			
Seasonal Reconnect Fee 1/	\$12,080	\$12,480	\$12,480
Reconnect Fee - Nonpayment 1/	29,840	33,240	33,240
NSF Check fees 1/	34,530	34,041	34,041
Work for Others 8/	0	7,599	7,599
Energy Diversion 4/	2,040	1,695	1,695
Total	\$78,490	\$89,055	\$89,055
 <u>Rent from Property:</u>			
Buildings 2/	\$19,464	\$19,583	\$19,583
General Office - COS 2/	1,155,577	1,117,641	1,117,641
Equipment (Incl WAPA fiber) 3/	113,347	113,347	113,347
Parking Lots 3/	0	0	0
Pole Attachments 3/	77,937	77,937	77,937
Street Lights 3/	903,186	903,186	903,186
Yard Lights 3/	360,800	360,800	360,800
Miscellaneous 4/	19,090	17,621	17,621
Joint Use agreements 4/	17,012	17,644	17,644
Total	\$2,666,413	\$2,627,759	\$2,627,759
 <u>Other Revenue:</u>			
Sale of Junk 4/	\$90,597	\$43,398	\$43,398
Patronage Dividends 4/	16,967	15,145	15,145
Joint Use / Meter Reading 5/	81,912	82,144	82,144
Late Payment Revenue 6/	213,817	176,345	178,090
Miscellaneous 7/	38,375	70,203	70,203
Coyote Misc. Revenue 3/	0	0	0
Glendive Misc. Revenue 8/	213,187	107	107
Diamond Willow Misc. Revenue 3/	0	0	0
Big Stone Misc. Revenue 3/	207,328	207,328	207,328
KVAR Penalty Revenue 4/	641,885	584,936	584,936
Sale of RECs 9/	1,296,373	0	0
Total	\$2,800,441	\$1,179,606	\$1,181,351
Total	\$5,545,344	\$3,896,420	\$3,898,165
 <u>Transmission Cost Adjustment (TCA) Revenue</u>			
<u>Other Revenue: 10/</u>			
Facilities Credit - SPP & Basin	\$8,680,838	\$0	\$0
MISO Transmission Revenue	586,594	0	0
Schedule 26 Revenue	803,699	0	0
MISO Other Revenue	2,827,840	0	0
Total	\$12,898,971	\$0	\$0
 <u>Retired Assets Revenue</u>			
<u>Other Revenue: 11/</u>			
Heskett Sale of Fly Ash	\$61	\$0	\$0
Heskett Misc. Revenue	5,587	0	0
Lewis & Clark Misc. Revenue	3,336	0	0
Total	\$8,984	\$0	\$0
Total Miscellaneous Revenue	\$18,453,299	\$3,896,420	\$3,898,165

- 1/ Restated to reflect a two year (2019 & 2021) average.
- 2/ Updated to reflect an annualized 2022 based on activity through January.
- 3/ Projected 2022 and 2023 to remain at 2021 level.
- 4/ Restated to reflect a three year average.
- 5/ Based on 2021 actuals.
- 6/ Based on the ratio of 2019 and 2020 Late Payment to Sales Revenue of 0.103 percent also includes Riders.
- 7/ Restated to reflect a three year average without FERC Schedule GG ROE True-up.
- 8/ Restated to reflect a two year (2019 through 2020) average.
- 9/ No REC Revenue is projected as the revenue is returned through the FPPA.
- 10/ Included in Transmission Cost Adjustment Rider.
- 11/ Plants no longer in service.

**MONTANA-DAKOTA UTILITIES CO.**  
**SUMMARY OF OPERATION AND MAINTENANCE EXPENSES - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**TWELVE MONTHS ENDING DECEMBER 31, 2021**  
**PROJECTED 2022 - 2023**

	Per Books	Adjusted	Projected 3/	
	2021 1/	2021 2/	2022	2023
Fuel & Purchased Power	\$44,160,937	\$43,422,976	\$44,292,587	\$45,814,244
Production	21,818,487	13,834,914	12,679,420	13,318,560
Transmission	26,437,092	5,809,364	6,201,345	6,439,918
Distribution	9,354,175	9,399,930	10,350,445	11,072,671
Customer Accounting	2,540,494	2,566,030	2,792,364	2,876,583
Customer Service & Information	229,260	230,376	247,060	255,774
Sales	94,822	95,177	98,610	102,389
Administrative & General	19,554,295	18,644,849	19,542,137	21,435,395
Total Operation & Maintenance	<u>\$124,189,562</u>	<u>\$94,003,616</u>	<u>\$96,203,968</u>	<u>\$101,315,534</u>

- 1/ Includes total North Dakota electric operations Operation and Maintenance expenses.  
2/ Excludes Operation and Maintenance costs associated with the Renewable Rider, Transmission Rider, and Heskett Unit I & II and Lewis & Clark I.  
3/ Rider expenses are excluded.

**MONTANA-DAKOTA UTILITIES CO.  
TOTAL OPERATION & MAINTENANCE EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
ITEMS ADJUSTED INDIVIDUALLY**

Function	Per Books 2021	Fuel & Purchased Power	Labor	Benefits	Subcontract Labor	Big Stone & Coyote	Materials	Vehicles & Work Equipment	Company Utilities	Postage
Fuel & Purchased Power	\$44,160,937	\$43,357,896	\$551,071		\$182,810	\$65,059	\$1,678	\$0		
<u>Other O&amp;M</u>										
Production	\$21,818,487	2,075,730	6,322,646		3,965,158	7,463,568	487,782	60,384	\$75,354	\$2,520
Transmission	26,437,092	336,259	3,541,964		21,315,692	(7,669)	213,980	255,749	18,462	59
Distribution	9,354,175		6,305,174		1,800,128		438,668	814,790	139,918	7,717
Customer Accounting	2,540,494		1,390,189		33,245		59	87,180	1,766	278,659
Customer Service & Information	229,260		162,173					2,670		
Sales	94,822		87,233		0		0	2,147	0	
Administrative & General	19,554,295		7,000,429	\$3,873,863	730,877	9,731	26,764	25,296	148,081	113,055
Total Other O&M	\$80,028,625	2,411,989	\$24,809,808	\$3,873,863	\$27,845,100	\$7,465,630	\$1,167,253	\$1,248,216	\$383,581	\$402,010
Total O&M	\$124,189,562	45,769,885	\$25,360,879	\$3,873,863	\$28,027,910	\$7,530,689	\$1,168,931	\$1,248,216	\$383,581	\$402,010
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**MONTANA-DAKOTA UTILITIES CO.  
TOTAL OPERATION & MAINTENANCE EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
ITEMS ADJUSTED INDIVIDUALLY**

Function	Uncollectible Accounts	Advertising	Industry Dues	Insurance	Regulatory Commission Expense	Software Maintenance	COVID	Items Adjusted Individually	Total Items All Other O&M
Fuel & Purchased Power								\$44,158,514	\$2,423
<u>Other O&amp;M</u>									
Production						\$173,923	\$65,240	20,692,305	1,126,182
Transmission						399,432	16,260	26,090,188	346,904
Distribution	(\$510)					68,308	33,960	9,608,153	(253,978)
Customer Accounting	620,922	\$6				7,442	72,667	2,492,135	48,359
Customer Service & Information		63,220					1,029	229,092	168
Sales		4,783					406	94,569	253
Administrative & General		66,092	\$229,847	\$2,278,279	\$321,272	1,243,922	525,386	16,592,894	2,961,401
Total Other O&M	\$620,412	\$134,101	\$229,847	\$2,278,279	\$321,272	\$1,893,027	\$714,948	\$75,799,336	\$4,229,289
Total O&M	\$620,412	\$134,101	\$229,847	\$2,278,279	\$321,272	\$1,893,027	\$714,948	\$119,957,850	\$4,231,712
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**MONTANA-DAKOTA UTILITIES CO.  
TOTAL OPERATION & MAINTENANCE EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
ADJUSTED TWELVE MONTHS ENDING DECEMBER 31, 2021  
ITEMS ADJUSTED INDIVIDUALLY**

Function	Fuel & Purchased Power	Labor	Benefits	Subcontract Labor	Big Stone & Coyote	Materials	Vehicles & Work Equipment	Company Utilities	Postage	Uncollectible Accounts
Fuel & Purchased Power	\$43,357,896	\$0		\$0	\$65,059	\$0	\$0			
<u>Other O&amp;M</u>										
Production	2,075,729	2,790,997		766,092	7,463,568	171,308	27,106	\$36,885	\$826	
Transmission	336,259	3,541,964		646,763	(7,669)	213,980	255,749	18,462	59	
Distribution		6,305,174		1,800,128		438,668	814,790	139,918	7,717	(\$510)
Customer Accounting		1,390,189		33,245		59	87,180	1,766	278,659	620,922
Customer Service & Information		162,173					2,670			
Sales		87,233		0		0	2,147	0		
Administrative & General		7,000,429	\$3,161,635	730,877	9,731	26,764	25,296	148,081	113,055	
Total Other O&M	2,411,988	\$21,278,159	\$3,161,635	\$3,977,105	\$7,465,630	\$850,779	\$1,214,938	\$345,112	\$400,316	\$620,412
Total O&M	\$45,769,884	\$21,278,159	\$3,161,635	\$3,977,105	\$7,530,689	\$850,779	\$1,214,938	\$345,112	\$400,316	\$620,412
See Page Number:	9	10	14	18	19	20	21	22	24	23

**MONTANA-DAKOTA UTILITIES CO.  
TOTAL OPERATION & MAINTENANCE EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
ADJUSTED TWELVE MONTHS ENDING DECEMBER 31, 2021  
ITEMS ADJUSTED INDIVIDUALLY**

Function	Advertising	Industry Dues	Insurance	Regulatory Commission Expense	Software Maintenance	COVID	All Other O&M	Total
Fuel & Purchased Power							\$21	\$43,422,976
<u>Other O&amp;M</u>								
Production					\$173,923	\$138,175	190,305	\$13,834,914
Transmission					399,432	57,461	346,904	\$5,809,364
Distribution					68,308	79,715	(253,978)	\$9,399,930
Customer Accounting	\$6				7,442	98,203	48,359	\$2,566,030
Customer Service & Information	63,220					2,145	168	\$230,376
Sales	4,783					761	253	\$95,177
Administrative & General	66,092	\$229,847	\$2,278,279	\$16,083	1,243,922	633,357	2,961,401	\$18,644,849
Total Other O&M	\$134,101	\$229,847	\$2,278,279	\$16,083	\$1,893,027	\$1,009,817	\$3,293,412	\$50,580,640
Total O&M	\$134,101	\$229,847	\$2,278,279	\$16,083	\$1,893,027	\$1,009,817	\$3,293,433	\$94,003,616
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**MONTANA-DAKOTA UTILITIES CO.  
OPERATION & MAINTENANCE EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2022**

Function	Fuel & Purchased Power	Labor	Benefits	Subcontract Labor	Big Stone & Coyote	Vehicles & Work Equipment	Materials	Company Utilities	Postage	Uncollectible Accounts
Fuel & Purchased Power	\$44,226,876	\$0		\$0	\$65,689	\$0	\$0			
<u>Other O&amp;M</u>										
Production	736,562	3,012,213		791,909	7,412,183	30,928	188,439	\$42,546	\$826	
Transmission	336,589	3,825,501		668,559	10,651	291,812	235,378	21,917	59	
Distribution		6,965,864		1,860,792		929,686	562,689	178,320	7,717	\$0
Customer Accounting		1,553,181		34,365		99,471	586	3,740	287,789	650,595
Customer Service & Information		176,272				3,046				
Sales		94,796		0		2,448	0	317		
Administrative & General		7,071,813	\$3,261,407	864,897	0	28,864	30,303	157,622	113,055	
Total Other O&M	1,073,151	\$22,699,640	\$3,261,407	\$4,220,522	\$7,422,834	\$1,386,255	\$1,017,395	\$404,462	\$409,446	\$650,595
Total O&M	\$45,300,027	\$22,699,640	\$3,261,407	\$4,220,522	\$7,488,523	\$1,386,255	\$1,017,395	\$404,462	\$409,446	\$650,595
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**MONTANA-DAKOTA UTILITIES CO.  
OPERATION & MAINTENANCE EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2022**

Function	Advertising	Industry Dues	Insurance	Regulatory Commission Expense	Software Maintenance	COVID	All Other O&M	Projected 2022 O&M
Fuel & Purchased Power							\$22	\$44,292,587
<u>Other O&amp;M</u>								
Production					\$124,265	\$142,831	196,718	12,679,420
Transmission					392,887	59,397	358,595	6,201,345
Distribution					25,513	82,401	(262,537)	10,350,445
Customer Accounting	\$0				11,136	101,512	49,989	2,792,364
Customer Service & Information	65,351					2,217	174	247,060
Sales	0					787	262	98,610
Administrative & General	61,616	\$229,284	\$2,530,276	\$72,603	1,503,270	654,701	2,962,426	19,542,137
Total Other O&M	\$126,967	\$229,284	\$2,530,276	\$72,603	\$2,057,071	\$1,043,846	\$3,305,627	\$51,911,381
Total O&M	\$126,967	\$229,284	\$2,530,276	\$72,603	\$2,057,071	\$1,043,846	\$3,305,649	\$96,203,968
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**MONTANA-DAKOTA UTILITIES CO.  
OPERATION & MAINTENANCE EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2023**

Function	Fuel & Purchased Power	Labor	Benefits	Subcontract Labor	Big Stone & Coyote	Vehicles & Work Equipment	Materials	Company Utilities	Postage	Uncollectible Accounts
Fuel & Purchased Power	\$45,746,990	\$0		\$0	\$67,231	\$0	\$0			
<u>Other O&amp;M</u>										
Production	775,827	3,131,798		812,182	7,823,309	30,760	216,491	\$38,607	\$826	
Transmission	333,985	3,977,053		685,674	10,971	290,238	247,147	21,821	59	
Distribution		7,623,967		1,908,428		924,665	590,823	172,969	7,717	\$0
Customer Accounting		1,614,769		35,245		98,939	615	3,740	298,271	657,031
Customer Service & Information		183,268				3,030				
Sales		98,558		0		2,438	0	317		
Administrative & General		7,296,518	\$3,979,334	967,061	0	28,706	31,818	152,435	113,055	
Total Other O&M	1,109,812	23,925,931	\$3,979,334	\$4,408,590	\$7,834,280	\$1,378,776	\$1,086,894	\$389,889	\$419,928	\$657,031
Total O&M	\$46,856,802	\$23,925,931	\$3,979,334	\$4,408,590	\$7,901,511	\$1,378,776	\$1,086,894	\$389,889	\$419,928	\$657,031
See Page Number:	9	10	14	18	19	21	20	22	24	23

**MONTANA-DAKOTA UTILITIES CO.  
OPERATION & MAINTENANCE EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2023**

Function	Advertising	Industry Dues	Insurance	Regulatory Commission Expense	Software Maintenance	COVID	All Other O&M	Projected 2023 O&M
Fuel & Purchased Power							\$23	\$45,814,244
<u>Other O&amp;M</u>								
Production					\$140,519	\$146,487	201,754	13,318,560
Transmission					444,277	60,918	367,775	6,439,918
Distribution					28,850	84,510	(269,258)	11,072,671
Customer Accounting	\$0				12,593	104,111	51,269	2,876,583
Customer Service & Information	67,024					2,274	178	255,774
Sales	0					807	269	102,389
Administrative & General	63,193	\$226,557	\$2,844,554	\$322,541	1,699,898	671,461	3,038,264	21,435,395
Total Other O&M	\$130,217	\$226,557	\$2,844,554	\$322,541	\$2,326,137	\$1,070,568	\$3,390,251	55,501,290
Total O&M	\$130,217	\$226,557	\$2,844,554	\$322,541	\$2,326,137	\$1,070,568	\$3,390,274	\$101,315,534
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**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
FUEL AND PURCHASED POWER COST - INTERIM  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Per Books	Projected	
	2021	2022	2022
Fuel and Purchased Power	\$43,357,896	\$44,226,876	\$45,746,990
Production	2,075,730	736,562	775,827
Transmission	336,259	336,589	333,985
Total	<u>\$45,769,885</u>	<u>\$45,300,027</u>	<u>\$46,856,802</u>

Projected costs recovered through the Fuel and Purchased Power Cost Adjustment, by account:

	Per Books	Projected	
	2021	2022	2023
Fuel and Purchased Power Costs			
Accounts 501 Coal and 547 Gas	\$32,871,576	\$17,844,472	\$18,502,725
Account 502 Reagent 1/	1,719,674	736,562	775,827
Account 502 Sand 1/	356,056	0	0
Account 555 Energy	12,499,218	22,841,302	23,830,979
Accounts 555 Demand and 547 Pipeline Charges	3,211,901	3,541,102	3,413,286
Account 575 Market Admin. 1/	336,259	336,589	333,985
Total Fuel and Purchased Power Costs	<u>\$50,994,684</u>	<u>\$45,300,027</u>	<u>\$46,856,802</u>
Other			
Deferred Fuel and Purchased Power Costs	<u>(5,224,799)</u>	<u>0</u>	<u>0</u>
Total Fuel and Purchased Power Costs	<u>\$45,769,885</u>	<u>\$45,300,027</u>	<u>\$46,856,802</u>
Less:			
Wholesale Sales Revenue 2/	\$1,185,619	\$0	\$0
Sale of RECs Revenue 2/	356,100	0	0
Total Revenue	<u>\$1,541,719</u>	<u>\$0</u>	<u>\$0</u>
Net System Cost	<u>\$44,228,166</u>	<u>\$45,300,027</u>	<u>\$46,856,802</u>

1/ Account 502 is recorded as production expense and account 575 is transmission expense.  
2/ Projected costs associated with the Fuel and Purchased Power - Sales for Resale have been excluded from the total Fuel and Purchased Power expense along with the revenues as they are an equal offset to the Fuel and Purchased Power adjustment.

**MONTANA-DAKOTA UTILITIES CO.**  
**LABOR EXPENSE - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**TWELVE MONTHS ENDING DECEMBER 31, 2021**  
**PROJECTED 2022 - 2023**

	Per Books 2021	Adjusted Per Books 2021	Projected	
			2022 1/	2023 2/
Fuel & Purchased Power	\$551,071	\$0	\$0	\$0
Production	6,322,646	2,790,997	3,012,213	3,131,798
Transmission	3,541,964	3,541,964	3,825,501	3,977,053
Distribution	6,305,174	6,305,174	6,965,864	7,623,967
Customer Accounting	1,390,189	1,390,189	1,553,181	1,614,769
Customer Service & Info	162,173	162,173	176,272	183,268
Sales	87,233	87,233	94,796	98,558
A&G	7,000,429	7,000,429	7,071,813	7,296,518
Total Labor Expense	<u>\$25,360,879</u>	<u>\$21,278,159</u>	<u>\$22,699,640</u>	<u>\$23,925,931</u>

	Per Books 2021	Adjusted Per Books 2021	Projected	
			2022 1/	2023 2/
5110 Straight Time 2/	\$20,657,491	\$17,319,899	\$18,072,367	\$19,131,989
5120 Premium Time 2/	1,296,730	785,138	811,205	843,410
5130 Bonuses & Comm. 3/	1,449,653	1,429,949	1,429,949	1,429,949
5131 Incentive Comp. 4/	1,677,146	1,499,436	2,134,393	2,258,988
5150 Meals 3/	3,121	3,118	3,118	3,118
5193 Vacation 2/	276,738	240,619	248,608	258,477
	<u>\$25,360,879</u>	<u>\$21,278,159</u>	<u>\$22,699,640</u>	<u>\$23,925,931</u>

- 1/ Projected 2022 and 2023 values reflect the removal of labor reported in the Renewable Rider, and labor reported to Heskett Unit I and II, and Lewis & Clark Unit I operations being retired. See Schedule G-1, pages 12-13. The projected balances also include employee additions, see Schedule G-1, pages 12-13.
- 2/ Reflects a 3.32% for 2022 and 3.97% for 2023 based on the weighted average increases of 3.5% in 2022 and 4.5% in 2023 for non-union and 3.0% for union as shown on Schedule G-1, Pages 12-13.
- 3/ Adjusted to reflect ongoing stock compensation, miscellaneous bonuses and meals.
- 4/ Reflects an average incentive level of 11.65% applied to straight time and vacation.

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
LABOR EXPENSE SUPPORT - INTERIM  
PER BOOKS 2021

	2021 Total Per Books	Renewable Rider	Heskett Unit 1 & 2 and Lewis & Clark Unit 1	Adjusted 2021 Per Books Total
<b>Fuel &amp; Purchased Power</b>				
Straight Time	\$441,219		(\$441,219)	\$0
Premium Time	96,340		(96,340)	0
Bonuses & Commissions	210		(210)	0
Incentive Compensation	12,023		(12,023)	0
Vacation/Other Non-Prod.	1,279		(1,279)	0
<b>Fuel &amp; Purchased Power Total</b>	<b>\$551,071</b>		<b>(\$551,071)</b>	<b>\$0</b>
<b>Production</b>				
Straight Time	\$5,335,633	(\$519,242)	(\$2,377,131)	\$2,439,260
Premium Time	571,428	(11,130)	(404,122)	156,176
Bonuses & Commissions	19,497	0	(19,494)	3
Incentive Compensation	329,173	(44,674)	(121,013)	163,486
Taxable Meals	3	(3)	0	0
Vacation/Other Non-Prod.	66,912	(4,871)	(29,969)	32,072
<b>Production Total</b>	<b>\$6,322,646</b>	<b>(\$579,920)</b>	<b>(\$2,951,729)</b>	<b>\$2,790,997</b>
<b>Transmission</b>				
Straight Time	\$3,112,981			\$3,112,981
Premium Time	173,515			173,515
Bonuses & Commissions	6,748			6,748
Incentive Compensation	206,553			206,553
Taxable Meals	1,303			1,303
Vacation/Other Non-Prod.	40,864			40,864
<b>Transmission Total</b>	<b>\$3,541,964</b>			<b>\$3,541,964</b>
<b>Distribution</b>				
Straight Time	\$5,449,484			\$5,449,484
Premium Time	415,053			415,053
Bonuses & Commissions	9,631			9,631
Incentive Compensation	354,907			354,907
Taxable Meals	1,743			1,743
Vacation/Other Non-Prod.	74,356			74,356
<b>Distribution Total</b>	<b>\$6,305,174</b>			<b>\$6,305,174</b>
<b>Customer Accounts</b>				
Straight Time	\$1,263,368			\$1,263,368
Premium Time	30,224			30,224
Bonuses & Commissions	1,824			1,824
Incentive Compensation	79,027			79,027
Taxable Meals	11			11
Vacation/Other Non-Prod.	15,735			15,735
<b>Customer Accounts Total</b>	<b>\$1,390,189</b>			<b>\$1,390,189</b>
<b>Customer Service</b>				
Straight Time	\$150,939			\$150,939
Bonuses & Commissions	34			34
Incentive Compensation	9,362			9,362
Vacation/Other Non-Prod.	1,838			1,838
<b>Customer Service Total</b>	<b>\$162,173</b>			<b>\$162,173</b>
<b>Sales</b>				
Straight Time	\$81,160			\$81,160
Bonuses & Commissions	34			34
Incentive Compensation	5,052			5,052
Taxable Meals	5			5
Vacation/Other Non-Prod.	982			982
<b>Sales Total</b>	<b>\$87,233</b>			<b>\$87,233</b>
<b>A&amp;G</b>				
Straight Time	\$4,822,707			\$4,822,707
Premium Time	10,170			10,170
Bonuses & Commissions	1,411,675			1,411,675
Incentive Compensation	681,049			681,049
Taxable Meals	56			56
Vacation/Other Non-Prod.	74,772			74,772
<b>A&amp;G Total</b>	<b>\$7,000,429</b>			<b>\$7,000,429</b>
	<b>\$25,360,879</b>	<b>(\$579,920)</b>	<b>(\$3,502,800)</b>	<b>\$21,278,159</b>
Straight Time	\$20,657,491	(\$519,242)	(\$2,818,350)	\$17,319,899
Premium Time	1,296,730	(11,130)	(500,462)	785,138
Bonuses & Commissions	1,449,653	0	(19,704)	1,429,949
Incentive Compensation	1,677,146	(44,674)	(133,036)	1,499,436
Taxable Meals	3,121	(3)	0	3,118
Vacation/Other Non-Prod.	276,738	(4,871)	(31,248)	240,619
<b>Total</b>	<b>\$25,360,879</b>	<b>(\$579,920)</b>	<b>(\$3,502,800)</b>	<b>\$21,278,159</b>

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
LABOR EXPENSE SUPPORT - INTERIM  
PROJECTED 2022 AND 2023**

	Projected 2022 1/	2022 Additional Positions 2/	Total Projected 2022	Projected 2023 1/	2023 Additional Positions 3/	Total Projected 2023
<b>Fuel &amp; Purchased Power</b>						
Straight Time	\$0		\$0	\$0		\$0
Premium Time	0		0	0		0
Bonuses & Commissions	0		0	0		0
Incentive Compensation	0		0	0		0
Vacation/Other Non-Prod.	0		0	0		0
<b>Fuel &amp; Purchased Power Total</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>		<b>\$0</b>
<b>Production</b>						
Straight Time	\$2,520,243		\$2,520,243	\$2,620,297		\$2,620,297
Premium Time	161,361		161,361	167,767		167,767
Bonuses & Commissions	3		3	3		3
Incentive Compensation	297,469		297,469	309,278		309,278
Taxable Meals	0		0	0		0
Vacation/Other Non-Prod.	33,137		33,137	34,453		34,453
<b>Production Total</b>	<b>\$3,012,213</b>		<b>\$3,012,213</b>	<b>\$3,131,798</b>		<b>\$3,131,798</b>
<b>Transmission</b>						
Straight Time	\$3,216,332		\$3,216,332	\$3,344,020		\$3,344,020
Premium Time	179,276		179,276	186,393		186,393
Bonuses & Commissions	6,748		6,748	6,748		6,748
Incentive Compensation	379,621		379,621	394,692		394,692
Taxable Meals	1,303		1,303	1,303		1,303
Vacation/Other Non-Prod.	42,221		42,221	43,897		43,897
<b>Transmission Total</b>	<b>\$3,825,501</b>		<b>\$3,825,501</b>	<b>\$3,977,053</b>		<b>\$3,977,053</b>
<b>Distribution</b>						
Straight Time	\$5,630,407	\$137,512	\$5,767,919	\$5,996,905	\$342,150	\$6,339,055
Premium Time	428,833		428,833	445,858		445,858
Bonuses & Commissions	9,631		9,631	9,631		9,631
Incentive Compensation	664,893	16,020	680,913	707,945	39,860	747,805
Taxable Meals	1,743		1,743	1,743		1,743
Vacation/Other Non-Prod.	76,825		76,825	79,875		79,875
<b>Distribution Total</b>	<b>\$6,812,332</b>	<b>\$153,532</b>	<b>\$6,965,864</b>	<b>\$7,241,957</b>	<b>\$382,010</b>	<b>\$7,623,967</b>
<b>Customer Accounts</b>						
Straight Time	\$1,305,312	\$39,935	\$1,345,247	\$1,398,653		\$1,398,653
Premium Time	31,227		31,227	32,467		32,467
Bonuses & Commissions	1,824		1,824	1,824		1,824
Incentive Compensation	153,963	4,652	158,615	164,912		164,912
Taxable Meals	11		11	11		11
Vacation/Other Non-Prod.	16,257		16,257	16,902		16,902
<b>Customer Accounts Total</b>	<b>\$1,508,594</b>	<b>\$44,587</b>	<b>\$1,553,181</b>	<b>\$1,614,769</b>		<b>\$1,614,769</b>
<b>Customer Service</b>						
Straight Time	\$155,950		\$155,950	\$162,141		\$162,141
Bonuses & Commissions	34		34	34		34
Incentive Compensation	18,389		18,389	19,119		19,119
Vacation/Other Non-Prod.	1,899		1,899	1,974		1,974
<b>Customer Service Total</b>	<b>\$176,272</b>		<b>\$176,272</b>	<b>\$183,268</b>		<b>\$183,268</b>
<b>Sales</b>						
Straight Time	\$83,855		\$83,855	\$87,184		\$87,184
Bonuses & Commissions	34		34	34		34
Incentive Compensation	9,887		9,887	10,280		10,280
Taxable Meals	5		5	5		5
Vacation/Other Non-Prod.	1,015		1,015	1,055		1,055
<b>Sales Total</b>	<b>\$94,796</b>		<b>\$94,796</b>	<b>\$98,558</b>		<b>\$98,558</b>

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
LABOR EXPENSE SUPPORT - INTERIM  
PROJECTED 2022 AND 2023**

	Projected 2022 1/	2022 Additional Positions 2/	Total Projected 2022	Projected 2023 1/	2023 Additional Positions 3/	Total Projected 2023
<b>A&amp;G</b>						
Straight Time	\$4,982,821		\$4,982,821	\$5,180,639		\$5,180,639
Premium Time	10,508		10,508	10,925		10,925
Bonuses & Commissions	1,411,675		1,411,675	1,411,675		1,411,675
Incentive Compensation	589,499		589,499	612,902		612,902
Taxable Meals	56		56	56		56
Vacation/Other Non-Prod.	77,254		77,254	80,321		80,321
<b>A&amp;G Total</b>	<b>\$7,071,813</b>		<b>\$7,071,813</b>	<b>\$7,296,518</b>		<b>\$7,296,518</b>
	<b>\$22,501,521</b>	<b>\$198,119</b>	<b>\$22,699,640</b>	<b>\$23,543,921</b>	<b>\$382,010</b>	<b>\$23,925,931</b>
Straight Time	\$17,894,920	\$177,447	\$18,072,367	\$18,789,839	\$342,150	\$19,131,989
Premium Time	811,205		811,205	843,410		843,410
Bonuses & Commissions	1,429,949		1,429,949	1,429,949		1,429,949
Incentive Compensation	2,113,721	20,672	2,134,393	2,219,128	39,860	2,258,988
Taxable Meals	3,118		3,118	3,118		3,118
Vacation/Other Non-Prod.	248,608		248,608	258,477		258,477
	<b>\$22,501,521</b>	<b>\$198,119</b>	<b>\$22,699,640</b>	<b>\$23,543,921</b>	<b>\$382,010</b>	<b>\$23,925,931</b>

1/ Projected 2022 and 2023 Straight Time, Premium Time, and Vacation/Other Non-Productive time is inflated at 3.32% for 2022 and 3.97% for 2023. Bonus & Commissions and Taxable Meals projected period will reflect the adjusted 2021 costs. Incentive Compensation reflects the average incentive level of 11.65% of Adjusted 2021 and Total Projected 2022 Straight Time and Vacation/Other time.

3.32% 2022 Labor Increase  
3.97% 2023 Labor Increase  
11.65% Average Incentive

2/ The Company expects to hire additional staff for the Customer Experience Team to replace turnover from 2021. The Company also expects to hire positions and promoting a current position to help set up the Distribution Outage Management System.

**Customer Service - 2022 Straight Time Adjustment:**

CSR I 2022 base salary:	\$35,360
Replacement position FTE:	12.81
Total new base salary:	\$452,962
Allocation to MDU Electric:	13.59% (2021 call time)
	\$61,558
Allocation to North Dakota:	64.873042% (Factor #85)
<b>Straight Time Adjustment:</b>	<b>\$39,935</b>

**Distribution Outage - 2022 Straight Time Adjustment:**

System Support Engineer:	\$110,000
System Administrator:	81,000
Manager of OT Dist. Systems:	20,000 (promotion)
Total new salaries:	\$211,000
Allocate to North Dakota:	65.171411% (Factor #118)
<b>Straight Time Adjustment:</b>	<b>\$137,512</b>

3/ The Company expects to hire the remaining positions to support the Distribution Outage Management System in 2023.

**Distribution Outage - 2023 Straight Time Adjustment:**

System Operators:	\$434,000 (4 positions)
Business Analyst:	81,000
Supervisor-Field Ops:	10,000 (promotion)
Total new salaries:	\$525,000
Allocate to North Dakota:	65.171411% (Factor #118)
<b>Straight Time Adjustment:</b>	<b>\$342,150</b>

**MONTANA-DAKOTA UTILITIES CO.  
BENEFITS EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022 - 2023**

	Per Books 2021	Adjusted Per Books 2021	Projected 1/	
			2022	2023
Medical/Dental	\$2,786,093	\$2,417,926	\$2,692,774	\$3,010,429
Pension expense	(256,060)	(256,060)	(286,659)	(115,065)
Post-retirement	(812,430)	(830,882)	(1,042,757)	(902,193)
401 K	2,003,092	1,716,017	1,778,312	1,859,175
Workers compensation	115,042	81,461	85,143	90,405
Other benefits	38,126	33,173	34,594	36,583
Total Benefits Expense	<u>\$3,873,863</u>	<u>\$3,161,635</u>	<u>\$3,261,407</u>	<u>\$3,979,334</u>

1/ Projected 2022 and 2023 values reflect the removal of labor reported in the Renewable Rider, labor reported to Heskett Unit I and II, and Lewis & Clark Unit I operations being retired. See Schedule G-1, page 15. The projected balances also include the addition of benefits for employee additions, see Schedule G-1, pages 16-17. Annual inflationary factors are also outlined on Schedule G-1, pages 16-17.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
BENEFITS EXPENSE SUPPORT - INTERIM**

	2021 Per Books	Renewable Rider	Heskett & Lewis & Clark	2021 Adjusted Total
Medical/Dental	\$2,786,093	(\$73,036)	(\$295,131)	\$2,417,926
Pension expense	(256,060)			(256,060)
Post-retirement	(812,430)	(1,987)	(16,465)	(830,882)
401 K	2,003,092	(45,026)	(242,049)	1,716,017
Workers compensation	115,042	(5,429)	(28,152)	81,461
Other benefits	38,126	(1,013)	(3,940)	33,173
Total Benefits Expense	<u>\$3,873,863</u>	<u>(\$126,491)</u>	<u>(\$585,737)</u>	<u>\$3,161,635</u>

	Projected 2022 1/	Adjustment for New positions in 2022 6/	Total Projected 2022	Projected 2023 1/	Adjustment for New positions in 2023 6/	Total Projected 2023
Medical/Dental 2/	\$2,659,719	\$33,055	\$2,692,774	2,962,051	\$48,378	\$3,010,429
Pension expense 3/	(286,659)		(286,659)	(115,065)		(115,065)
Post-retirement 4/	(1,042,757)		(1,042,757)	(902,193)		(902,193)
401 K 5/	1,772,989	5,323	1,778,312	1,848,911	10,264	1,859,175
Workers compensation 5/	84,166	977	85,143	88,523	1,882	90,405
Other benefits 5/	34,274	320	34,594	35,967	616	36,583
Total Benefits Expense	<u>\$3,221,732</u>	<u>\$39,675</u>	<u>\$3,261,407</u>	<u>\$3,918,194</u>	<u>\$61,140</u>	<u>\$3,979,334</u>

1/ 2022 and 2023 projected benefits are based on the below inflationary factors:

2/ Medical/Dental percentage increase based on actual 2022 medical premium increase: 10.00%

3/ Total Company pension expense based on the 2022 actuarial estimate.

	Per Books	Actuarial Estimate	
	2021	2022	2023
Bargaining	(\$225,888)	(\$344,911)	(\$20,000)
Non-Bargaining	(501,830)	(469,776)	(307,000)
Total	<u>(\$727,718)</u>	<u>(\$814,687)</u>	<u>(\$327,000)</u>
Increase		11.95%	-59.86%

4/ Total Company post-retirement expense based on the 2022 actuarial estimate.

	Per Books	Actuarial Estimate	
		2022	2023
Total	(\$2,225,984)	(\$2,793,707)	(\$2,417,000)
Increase		25.50%	-13.48%

5/ Adjusted based on the straight time labor increase percentage for:

2022:	3.32%
2023:	3.97%

6/ See Statement G, Schedule G-1, pages 16-17.





**MONTANA-DAKOTA UTILITIES CO.  
SUBCONTRACT LABOR EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

<b>All Other</b>	Per Books 2021	Adjusted 2021	Projected 2022 1/	Projected 2023 2/
Fuel and Purchased Power	\$182,810	\$0	\$0	\$0
Production	3,965,158	766,092	791,909	812,182
Transmission	21,315,692	646,763	668,559	685,674
Distribution	1,800,128	1,800,128	1,860,792	1,908,428
Customer Accounting	33,245	33,245	34,365	35,245
Sales	0	0	0	0
Administrative & General	730,877	730,877	864,897 3/	967,061 3/
<b>Total</b>	<b>\$28,027,910</b>	<b>\$3,977,105</b>	<b>\$4,220,522</b>	<b>\$4,408,590</b>

1/ Adjusted to reflect inflation of 3.37 percent.

2/ Adjusted to reflect inflation of 2.56 percent.

3/ Based on known projects for Building and Grounds in 2022 and 2023.

<b>Per Books 2021</b>	Per Books 2021	Renewable Rider	Transmission Rider	Heskett I & II and Lewis & Clark I	Adjusted 2021
Fuel and Purchased Power	\$182,810	\$0	\$0	\$182,810	\$0
Production	3,965,158	2,458,093	0	740,973	766,092
Transmission	21,315,692	0	20,668,929	0	646,763
Distribution	1,800,128	0	0	0	1,800,128
Customer Accounting	33,245	0	0	0	33,245
Sales	0	0	0	0	0
Administrative & General	730,877	0	0	0	730,877
<b>Total</b>	<b>\$28,027,910</b>	<b>\$2,458,093</b>	<b>\$20,668,929</b>	<b>\$923,783</b>	<b>\$3,977,105</b>

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
BIG STONE & COYOTE - INTERIM  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Per Books	Adjusted	Projected 1/	
	2021	2021	2022	2023
<u>Big Stone and Coyote</u>				
Fuel and Purchased Power	\$65,059	\$65,059	\$65,689	\$67,231
Production	7,463,568	7,463,568	7,412,183	7,823,309
Transmission	(7,669)	(7,669)	10,651	10,971
A&G	9,731	9,731	0	0
Total	<u>\$7,530,689</u>	<u>\$7,530,689</u>	<u>\$7,488,523</u>	<u>\$7,901,511</u>

	Per Books	Adjusted	Projected 1/	
	2021	2021	2022	2023
<u>Big Stone</u>				
Fuel and Purchased Power	\$53,400	\$53,400	\$53,232	\$54,829
Production	3,854,330	3,854,330	3,253,558	3,394,633
Transmission	649	649	0	0
Total	<u>\$3,908,379</u>	<u>\$3,908,379</u>	<u>\$3,306,790</u>	<u>\$3,449,462</u>

	Per Books	Adjusted	Projected 1/	
	2021	2021	2022	2023
<u>Coyote</u>				
Fuel and Purchased Power	\$11,659	\$11,659	\$12,457	\$12,402
Production	3,609,238	3,609,238	4,158,625	4,428,676
Transmission	(8,318)	(8,318)	10,651	10,971
A&G	9,731	9,731	0	0
Total	<u>\$3,622,310</u>	<u>\$3,622,310</u>	<u>\$4,181,733</u>	<u>\$4,452,049</u>

1/ Reflects expected cost of operation for 2022 and 2023 with a normalized outage schedule.

2/ Reflects one time expense that will not be repeated.

**MONTANA-DAKOTA UTILITIES CO.  
MATERIALS EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022 - 2023**

<b>All Other</b>	Per Books 2021	Adjusted 2021	Projected 2022 1/	Projected 2023 3/
Fuel & Purchased Power	\$1,678	\$0	\$0	\$0
Production	487,782	171,308	188,439	216,491 4/
Transmission	213,980	213,980	235,378	247,147
Distribution	438,668	438,668	562,689 2/	590,823
Customer Accounting	59	59	586 2/	615
Sales	0	0	0	0
Administrative & General	26,764	26,764	30,303 2/	31,818
<b>Total</b>	<b>\$1,168,931</b>	<b>\$850,779</b>	<b>\$1,017,395</b>	<b>\$1,086,894</b>

<b>Per Books 2021</b>	Total	Renewable Rider	Heskett I & II and Lewis & Clark I	Adjusted 2021
Fuel & Purchased Power	\$1,678	\$0	\$1,678	\$0
Production	487,782	91,416	225,058	171,308
Transmission	213,980	0	0	213,980
Distribution	438,668	0	0	438,668
Customer Accounting	59	0	0	59
Sales	0	0	0	0
Administrative & General	26,764	0	0	26,764
<b>Total</b>	<b>\$1,168,931</b>	<b>\$91,416</b>	<b>\$226,736</b>	<b>\$850,779</b>

- 1/ Reflects the adjusted 2021 total expected increase of material cost of 10%.  
2/ Material expense adjusted to reflect current trends.  
3/ Reflects expected increase of material cost from projected 2022 by 5%.  
4/ Reflects materials associated with implementation of Heskett IV.

**MONTANA-DAKOTA UTILITIES CO.**  
**VEHICLES & WORK EQUIPMENT EXPENSE - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**TWELVE MONTHS ENDED DECEMBER 31, 2021**  
**PROJECTED 2022 - 2023**

<b>All Other</b>	Per Books	Adjusted	Projected 1/ 2/	
	2021	2021	2022	2023
Fuel & Purchased Power	\$0	0	\$0	\$0
Production	60,384	27,106	30,928	30,760
Transmission	255,749	255,749	291,812	290,238
Distribution	814,790	814,790	929,686	924,665
Customer Accounting	87,180	87,180	99,471	98,939
Customer Service & Information	2,670	2,670	3,046	3,030
Sales	2,147	2,147	2,448	2,438
Administrative & General	25,296	25,296	28,864	28,706
<b>Total</b>	<b>\$1,248,216</b>	<b>1,214,938</b>	<b>\$1,386,255</b>	<b>\$1,378,776</b>

- 1/ Increase reflects changes in projected plant and proposed depreciation rates.  
2/ Reflects an increase in projected fuel expenses based on U.S. Energy Information Administration Short-Term Energy Outlook Released on March 8, 2022. See Statement Workpaper G, Schedule G-1, page 24 for additional information.

<b>All Other</b>	Per Books	Renewable	L&C and	Adjusted
	2021	Rider	Heskett	2021
Fuel & Purchased Power	\$0			\$0
Production	60,384	\$26,689	\$6,589	27,106
Transmission	255,749			255,749
Distribution	814,790			814,790
Customer Accounting	87,180			87,180
Customer Service & Information	2,670			2,670
Sales	2,147			2,147
Administrative & General	25,296			25,296
<b>Total</b>	<b>\$1,248,216</b>	<b>\$26,689</b>	<b>\$6,589</b>	<b>\$1,214,938</b>

**MONTANA-DAKOTA UTILITIES CO.**  
**COMPANY UTILITIES - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**TWELVE MONTHS ENDING DECEMBER 31, 2021**  
**PROJECTED 2022 - 2023**

<b><u>Utilities - Total</u></b>	Per Books	Adjusted	Projected	
	2021	2021	2022	2023
Production	\$75,354	36,885	\$42,546	\$38,607
Transmission	18,462	18,462	21,917	21,821
Distribution	139,918	139,918	178,320	172,969
Customer Accounting	1,766	1,766	3,740	3,740
Sales	0	0	317	317
Administrative & General	148,081	148,081	157,622	152,435
<b>Total</b>	<b>\$383,581</b>	<b>345,112</b>	<b>\$404,462</b>	<b>\$389,889</b>

<b><u>Utilities</u></b>	Per Books	Adjusted	Projected 1/	
	2021	2021	2022	2023
Production	\$18,325	\$6,176	\$6,176	\$6,176
Transmission	4,817	4,817	6,484	6,484
Distribution	27,753	27,753	32,938	32,938
Customer Accounting	1,766	1,766	3,740	3,740
Sales	0	0	317	317
Administrative & General	16,165	16,165	14,613	14,613
<b>Total</b>	<b>\$68,826</b>	<b>\$56,677</b>	<b>\$64,268</b>	<b>\$64,268</b>

<b><u>Company Consumption - Electric</u></b>	Per Books	Adjusted	Projected 1/	
	2021	2021	2022	2023
Production	\$7,434	\$5,828	\$2,450	\$2,450
Transmission	13,037	13,037	14,604	14,604
Distribution	78,368	78,368	99,307	99,307
Administrative & General	99,151	99,151	98,341	98,341
<b>Total</b>	<b>\$197,990</b>	<b>\$196,384</b>	<b>\$214,702</b>	<b>\$214,702</b>

<b><u>Company Consumption - Gas</u></b>	Per Books	Adjusted	Projected 2/	Projected 3/
	2021	2021	2022	2023
Production	\$49,595	\$24,881	\$33,920	\$29,981
Transmission	608	608	\$829	\$733
Distribution	33,797	33,797	\$46,075	\$40,724
Administrative & General	32,765	32,765	\$44,668	\$39,481
<b>Total</b>	<b>\$116,765</b>	<b>\$92,051</b>	<b>\$125,492</b>	<b>\$110,919</b>

1/ Based on three year (2018, 2019, 2021) average annual expense.  
2/ Based on a Weather Normalized 2021 reflecting a 12.25% increase in volumes and an increase in projected cost of gas of \$5.752 per dk for Natural Gas and \$14.2073 per dk for Propane.  
3/ Based on a Weather Normalized 2021 reflecting a 12.25% increase and an increase in volumes in projected cost of gas of \$5.082 per dk for Natural Gas and \$14.2073 per dk for Propane.

**MONTANA-DAKOTA UTILITIES CO.**  
**UNCOLLECTIBLE ACCOUNTS EXPENSE - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**TWELVE MONTHS ENDED DECEMBER 31, 2021**  
**PROJECTED 2022 - 2023**

	Per Books	Adjusted	Projected	
	2021	2021	2022	2023
Distribution	<u>(\$510)</u>	<u>(\$510)</u>	<u>\$0</u>	<u>\$0</u>
Customer Accounting 1/	<u>620,922</u>	<u>620,922</u>	<u>650,595</u>	<u>657,031</u>
Total	<u><u>\$620,412</u></u>	<u><u>\$620,412</u></u>	<u><u>\$650,595</u></u>	<u><u>\$657,031</u></u>

1/ Based on a five year average of net write-offs to projected revenues:

	2022	2023
Total Pro Forma Sales Revenue	<u>\$171,209,147</u>	<u>\$172,902,977</u>
Five-Year Average Write-Offs	<u>0.38%</u>	<u>0.38%</u>
	<u>\$650,595</u>	<u>\$657,031</u>

	Net Write Offs	Sales Revenue	% Write Off to Revenue
12 Months Ending:			
12/31/2017	\$679,860	\$202,052,028	0.34%
12/31/2018	941,295	208,486,472	0.45%
12/31/2019	626,237	203,444,808	0.31%
12/31/2020	545,407	192,008,541	0.28%
12/31/2021	<u>994,496</u>	<u>201,346,739</u>	<u>0.49%</u>
Total	<u>\$3,787,295</u>	<u>\$1,007,338,588</u>	<u>0.38%</u>

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
POSTAGE - INTERIM  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Per Books	Adjusted	Projected	
	2021	Per Books 2021	2022 1/	2023 2/
Production	\$2,520	\$826	\$826	\$826
Transmission	59	59	59	59
Distribution	7,717	7,717	7,717	7,717
Customer Accounting	278,659	278,659	287,789	298,271
A&G	113,055	113,055	113,055	113,055
Total	<u>\$402,010</u>	<u>\$400,316</u>	<u>\$409,446</u>	<u>\$419,928</u>

	Per Books	Renewable	Heskett	Adjusted
	2021	Rider	and L&C	Per Books 2021
Production	\$2,520	\$606	\$1,088	\$826
Transmission	59	0	0	59
Distribution	7,717	0	0	7,717
Customer Accounting	278,659	0	0	278,659
A&G	113,055	0	0	113,055
Total	<u>\$402,010</u>	<u>\$606</u>	<u>\$1,088</u>	<u>\$400,316</u>

- 1/ Reflects a 4.45% postage increase, as shown in Statement Workpaper G, Schedule G-1, page 22, which is partially offset by the annualized year end 2021 electronic billing level.
- 2/ Reflects inflation rate of 2.56% increase.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
SOFTWARE MAINTENANCE - INTERIM  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Per Books	Adjusted	Projected	
	2021	2021	2022 1/	2023 2/
Production	\$173,923	\$173,923	\$124,265	\$140,519
Transmission	399,432	399,432	392,887	444,277
Distribution	68,308	68,308	25,513	28,850
Customer Accounting	7,442	7,442	11,136	12,593
A&G	1,243,922	1,243,922	1,503,270	1,699,898
Total	\$1,893,027	\$1,893,027	\$2,057,071	\$2,326,137

1/ Projected 2022 based on estimated levels.

2/ Projected 2023 reflects a five year average increase of 13.08% found on Statement Workpaper G, Schedule G-1, page 40.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
ADVERTISING - INTERIM  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Per Books	Adjusted	Projected	
	2021	2021	2022 1/	2023 2/
Customer Accounting	\$6	\$6	\$0	\$0
Customer Service & Information	63,220	63,220	65,351	67,024
Sales	4,783	4,783	0	0
A&G	66,092	66,092	61,616	63,193
Total	<u>\$134,101</u>	<u>\$134,101</u>	<u>\$126,967</u>	<u>\$130,217</u>

1/ Eliminates promotional advertising expense and advertising expenses not applicable to North Dakota electric operations, and reflects inflation rate of 3.37% increase.

2/ Reflects inflation rate of 2.56% increase.

**MONTANA-DAKOTA UTILITIES CO.**  
**INDUSTRY DUES - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**TWELVE MONTHS ENDED DECEMBER 31, 2021**  
**PROJECTED 2022 - 2023**

<u>Description</u>	Per Books	Projected	
	2021	2022	2023
Ashley Chamber of Commerce	\$88	\$88	\$88
American Petroleum Institute Membership	\$250	\$250	\$250
Beulah Chamber of Commerce	0 1/	700 2/	700
Bismarck-Mandan Chamber of Commerce	4,600	4,600	4,600
Bismarck-Mandan Home Builders Association	221	221	221
Crosby Area Chamber of Commerce	150	150	150
Dickinson Area Builders Association	209	209	209
Dickinson Area Chamber of Commerce	295	295	295
Downtown Bismarck Community Foundation	2,550	2,700 2/	2,700
Downtown Business Association of Bismarck	945	945	945
Economic Development Assoc. of North Dakota	230	230 2/	230
Edison Electric Institute	88,016	91,781 3/	91,781
Elgin Community Betterment	75	75	75
Elgin Lions Club	70	70	70
Ellendale Chamber of Commerce	92	92	92
Hebron Business Club	13	13	13
Home Builders Association Membership	281	281	281
Internation Right-Of-Way	0	164 2/	164
Lignite Energy Council	67,542	64,680 2/	64,680
Linton Chamber of Commerce	0	23 2/	23
Mandan Progress Association	104	104	104
Midwest Energy Association	5,448	9,513 2/	9,513
Minnesota Safety Council	192	192	192
MISO	662	662	662
Napoleon Business Association	33	33	33
North American Energy Markets	1986	1,966 2/	1,966
North Central Electric Association	7,762	7,762	7,762
North Dakota EPA	113	562 2/	562
North Dakota Safety Countil	331	331	331
Open Access Technology International, Inc.	397	397	397
Stark Development Corporation	115	115	115
Theodore Roosevelt Express	230	230	230
Utlilities Telecom Council	0	1669 2/	1669
Utility Shareholders of North Dakota	29,900	29,900	29,900
West Associates	5,562	4,893 2/	4,893
Western Region Economic Development	115	115	115
Williston Area Chamber of Commerce	397	397	397
Willison Rotary Club	113	113	113
Wishek Association of Commerce	35	36 2/	36
Other/Corporate Charges	10,725	2,727 2/	0 4/
Total	<u>\$229,847</u>	<u>\$229,284</u>	<u>\$226,557</u>

1/ Paid 2021 Dues in 2020.

2/ Reflects 2022 actual expense through January 2022.

3/ Reflects 2022 actual expense through February and projected March through December.

4/ Not applicable to North Dakota electric operations.

**MONTANA-DAKOTA UTILITIES CO.  
INSURANCE EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDED DECEMBER 31, 2021  
PROJECTED 2022 - 2023**

	Per Books	Adjusted	Projected	
	2021	2021	2022 1/	2023 2/
Directors & Officer's Liability Insurance	\$145,243	\$145,243	\$174,768	\$192,245
General Liability:				
Fiduciary Liability	12,278	12,278	12,498	13,748
Employment Liability	5,426	5,426	5,536	6,090
Excess Liability	961,334	961,334	1,135,947	1,288,084
Property - All Risk	490,844	490,844	467,181	564,551
Blanket Crime	6,140	6,140	6,355	6,991
Special Contingency	630	630	587	587
Hired and Non-owned Aircraft Liability	520	520	699	769
Self Insurance 3/	303,991	303,991	278,874	278,874
Coyote Insurance	182,272	182,272	232,485	255,734
Big Stone Insurance	169,601	169,601	215,346	236,881
Total Insurance Expense	<u>\$2,278,279</u>	<u>\$2,278,279</u>	<u>\$2,530,276</u>	<u>\$2,844,554</u>

- 1/ Projected 2022 reflects insurance expense at the current levels as of January 2022.  
2/ Projected 2023 reflects an increase of 10 percent, with an additional \$38,542 added to excess liability and \$50,652 added to Property - All Risk for Heskett IV.  
3/ Projected 2022 and 2023 Self Insurance based on a 5 year historical average.

**MONTANA-DAKOTA UTILITIES CO.  
REGULATORY COMMISSION EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022 - 2023**

	Per Books	Adjusted	Projected	
	2021	2021	2022	2023
Rate Case Amortization 1/	\$0	\$0	\$0	\$249,938
Recurring Level of Expense 2/	321,272	16,083	52,001	52,001
Depreciation Study Expense 3/	0	0	20,602	20,602
Regulatory Commission Expense	<u>\$321,272</u>	<u>16,083</u>	<u>\$72,603</u>	<u>\$322,541</u>

	Per Books	Transmission	Adjusted
<b><u>Per Books 2021</u></b>	2021	Rider	2021
Regulatory Commission Expense	<u>\$321,272</u>	\$305,189	\$16,083

1/ Reflects a three year amortization of rate case expense.

2/ Reflects a three year average and projected regulatory commission expense.

3/ Expenses related to the Common and Electric Depreciation studies amortized over five years.

**MONTANA-DAKOTA UTILITIES CO.  
COVID EXPENSE - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022 - 2023**

	Per Books	Adjusted	Projected	
	2021 1/	2021	2022 2/	2023 3/
Production	\$65,240	\$27,825	\$142,831	\$146,487
Transmission	16,260	16,260	59,397	60,918
Distribution	33,960	33,960	82,401	84,510
Customer Accounts	72,667	72,667	101,512	104,111
Customer Service	1,029	1,029	2,217	2,274
Sales	406	406	787	807
A&G	525,386	525,386	654,701	671,461
Total	<u>\$714,948</u>	<u>\$677,533</u>	<u>\$1,043,846</u>	<u>\$1,070,568</u>

1/ Includes the following costs:

- External Auditing
- Collection Agency Fees
- Commercial Air Service
- Corporate Aircraft
- Personal Vehicle Use
- Meals
- Other Reimbursable Expense
- Office Supplies
- Safety Training Materials & Expense

2/ Reflects the adjusted 2021 total increased by inflation of 3.37 percent.

3/ Adjusted to reflect inflation of 2.56 percent.

	Per Books 2021	Renewable Rider	L&C and Heskett	Adjusted 2021	Normalizing Adjustment 4/	Normalized Adjusted 2021
Production	\$65,240	\$7,451	\$29,964	\$27,825	\$110,350	\$138,175
Transmission	16,260			16,260	41,201	57,461
Distribution	33,960			33,960	45,755	79,715
Customer Accounts	72,667			72,667	25,536	98,203
Customer Service	1,029			1,029	1,116	2,145
Sales	406			406	355	761
A&G	525,386			525,386	107,971	633,357
Total	<u>\$714,948</u>	<u>\$7,451</u>	<u>\$29,964</u>	<u>\$677,533</u>	<u>\$332,284</u>	<u>\$1,009,817</u>

4/ Normalizing Adjustment to reflect 2016-2019 average costs, as seen in Statement Workpaper G, Schedule G-1, page 50.

**MONTANA-DAKOTA UTILITIES CO.  
ALL OTHER O&M - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022 - 2023**

<b>All Other</b>	Per Books	Adjusted	Projected	
	2021	2021	2022 1/	2023 2/
Fuel & Purchased Power	\$2,423	\$21	\$22	\$23
Production	1,126,182	190,305	196,718	201,754
Transmission	346,904	346,904	358,595	367,775
Distribution 3/	(253,978)	(253,978)	(262,537)	(269,258)
Customer Accounting	48,359	48,359	49,989	51,269
Customer Service & Information	168	168	174	178
Sales	253	253	262	269
Administrative & General	2,961,401	2,961,401	2,962,426 3/	3,038,264
<b>Total Other O&amp;M</b>	<b>\$4,231,712</b>	<b>3,293,433</b>	<b>\$3,305,649</b>	<b>\$3,390,274</b>

1/ Adjusted to reflect inflation of 3.37 percent.

2/ Adjusted to reflect inflation of 2.56 percent.

3/ Adjusted to exclude the Electric Depreciation Study included in Regulatory Commission Expense of \$95,554.

<b>Per Books 2021</b>	Per Books 2021	Lewis & Clark I & Heskett I & II	Renewable Rider	Adjusted 2021
Fuel & Purchased Power	\$2,423	\$2,402	\$0	\$21
Production	1,126,182	260,482	675,395	190,305
Transmission	346,904	0	0	346,904
Distribution	(253,978)	0	0	(253,978)
Customer Accounting	48,359	0	0	48,359
Customer Service & Information	168	0	0	168
Sales	253	0	0	253
Administrative & General	2,961,401	0	0	2,961,401
<b>Total Other O&amp;M</b>	<b>\$4,231,712</b>	<b>\$262,884</b>	<b>\$675,395</b>	<b>\$3,293,433</b>

**MONTANA-DAKOTA UTILITIES CO.**  
**SUMMARY OF DEPRECIATION EXPENSE - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**TWELVE MONTHS ENDING DECEMBER 31, 2021**  
**PROJECTED 2022-2023**

	Per Books	Adjusted	Projected 3/	
	2021	2021	2022 1/	2023 2/
Steam Production	\$6,982,072	\$3,413,865	\$3,311,083	\$3,314,685
Other Production	14,123,451	3,180,740	3,463,877	3,539,754
Heskett Unit IV Gas Turbine	0	0	0	0
Transmission	4,654,269	3,951,326	3,919,328	3,976,600
Distribution	7,066,758	7,066,758	7,349,448	7,681,955
General	443,155	443,155	518,703	643,966
General - Intangible	823,279	789,544	1,022,254	1,442,104
Common	1,028,170	1,028,170	1,087,565	1,218,699
Common - Intangible	1,428,146	1,428,146	1,564,803	1,720,419
Amort. - Power Plant Decomm.	500,000	500,000	0	647,584
Amort. of Retired Power Plants	(22,878)	(22,878)	0	0
Amort. - Unrecovered Plant	85,930	85,930	0	0
Amort. - Wind Decomm.	584,244	0	0	0
Amort. - Pref. Stock Redemption	20,943	20,943	20,943	20,943
Amort. - Gain/Loss on Buildings	62,095	62,095	62,095	62,095
Amort. - Excess Deferred Income Taxes	1,078,557	0	0	0
Amort. - L&C and Heskett Reg Asset Amortization	4,570,946	9,198,031 4/	9,198,031 4/	4,469,917
<b>Total</b>	<b>\$43,429,137</b>	<b>\$31,145,825</b>	<b>\$31,518,130</b>	<b>\$28,738,721</b>

1/ Depreciation/amortization expense on 2022 projected reserve for depreciation, Statement H, Schedule H-2 page 1.

2/ Depreciation/amortization expense on 2023 projected reserve for depreciation, Statement H, Schedule H-2 page 2.

3/ Proposed Production, Transmission, Distribution, and General depreciation rates per 2020 year end Depreciation Study found in Exhibit No. LEK-1.

4/ Adjusted 2021 balance reflects the 2022 Regulatory Asset Amortization based on the Lewis & Clark Unit I and Heskett Units I & II Regulatory Asset Balances.

**MONTANA-DAKOTA UTILITIES CO.  
CALCULATION OF COMPOSITE DEPRECIATION RATES - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021**

	Adjusted 2021 Plant	Annual Depreciation	%
<u>Depreciation</u>			
Steam Production	\$210,983,315	\$3,302,908	1.57%
Other Production	110,245,411	3,392,931	3.08%
Total Production	<u>\$321,228,726</u>	<u>\$6,695,839</u>	<u>2.08%</u>
Transmission	\$231,554,545	\$3,916,448	1.69%
Distribution	\$308,954,293	\$7,172,642	2.32%
<u>General</u>			
Other	\$6,451,573	\$427,882	6.63%
Structures and Improvements	1,150,765	9,321	0.81%
Computer Equipment	51,673	5,167	10.00%
Transportation Equipment	5,335,563	286,390	5.37%
Work Equipment	8,087,869	436,190	5.39%
Total General	<u>\$21,077,443</u>	<u>\$1,164,950</u>	<u>5.53%</u>
<u>Common</u>			
Other	\$7,373,128	\$352,793	4.78%
Structures and Improvements	27,528,501	233,992	0.85%
Computer Equipment	2,222,953	444,590	20.00%
Transportation Equipment	3,457,356	229,511	6.64%
Total Common	<u>\$40,581,938</u>	<u>\$1,260,886</u>	<u>3.11%</u>
Total	\$923,396,945	\$20,210,765	2.19%
<u>Amortization 1/</u>			
General - Intangible	\$8,335,643	\$930,720	
Common - Intangible	19,550,680	1,506,804	
Amort. of Retired Power Plants	0	(22,878)	
Amort. - Unrecovered Plant	0	85,930	
Amort. - Gen. Facility Decomm.	0	500,000	
Pref. Stock Redemption	0	20,943	
Gain/Loss on Buildings	0	62,095	
Acquisition Adjustment	7,381,702	0	
Total Amortization	<u>\$35,268,025</u>	<u>\$3,083,614</u>	
Total Plant	<u>\$958,664,970</u>	<u>\$23,294,379</u>	

1/ Amortization period varies for each asset group or balance.

**MONTANA-DAKOTA UTILITIES CO.**  
**DEPRECIATION EXPENSE AT PROPOSED RATES - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

Acct. No.	Account	Adjusted Plant - Year End 2021	Current Rate	Annual Depreciation	To Clearing Accounts	Annual Depreciation	Adjusted 2021 Actual Depr. Exp.
	<u>Steam Production Plant</u>						
810	Heskett Units 1 & 2						
310	Land						
311	Structures & Improvements	\$6,790,812	5.75%	\$390,472		\$390,472	
312	Boiler Plant Equipment	662,751	3.37%	22,335		22,335	
314	Turbogenerator Units	754,807	4.03%	30,419		30,419	
316	Miscellaneous Equipment	1,994,176	3.72%	74,183		74,183	
	Total Heskett Units 1 & 2	\$10,202,546		\$517,409		\$517,409	
820	<u>Lewis &amp; Clark Unit 1</u>						
310	Land						
311	Structures & Improvements	\$121,509	2.14%	\$2,600		\$2,600	
	Total Lewis & Clark Unit 1	\$121,509		\$2,600		\$2,600	
830	<u>Coyote</u>						
310	Land						
311	Structures & Improvements	\$21,307,907	1.01%	\$215,210		\$215,210	
312	Boiler Plant Equipment	57,621,810	1.35%	777,894		777,894	
314	Turbogenerator Units	12,490,345	2.42%	302,266		302,266	
315	Accessory Equipment	5,399,276	1.67%	90,168		90,168	
316	Miscellaneous Equipment	2,683,822	3.85%	103,327		103,327	
	Total Coyote	\$99,503,160		\$1,488,865	\$0	\$1,488,865	
861	<u>Big Stone</u>						
310	Land						
311	Structures & Improvements	\$23,097,092	0.31%	\$71,601		\$71,601	
312	Boiler Plant Equipment	60,583,845	1.58%	957,225		957,225	
314	Turbogenerator Units	9,664,374	1.70%	164,294		164,294	
315	Accessory Equipment	\$5,916,456	1.21%	71,589		71,589	
316	Miscellaneous Equipment	1,173,006	2.50%	29,325		29,325	
	Total Big Stone	\$100,434,773		\$1,294,034	\$0	\$1,294,034	
310	<u>Other Steam Production</u>						
	Land	\$721,327					
	Total Other Steam Production	\$721,327					

**MONTANA-DAKOTA UTILITIES CO.  
DEPRECIATION EXPENSE AT PROPOSED RATES - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

Acct. No.	Account	Adjusted Plant - Year End 2021	Current Rate	Annual Depreciation	To Clearing Accounts	Annual Depreciation	Adjusted 2021 Actual Depr. Exp.
<u>Steam Production Plant Summary</u>							
310	Land	\$721,327					
311	Structures & Improvements	51,317,320		\$679,883		\$679,883	\$750,960
312	Boiler Plant Equipment	118,868,406		1,757,454		1,757,454	1,751,548
314	Turbogenerator Units	22,909,526		496,979		496,979	493,824
315	Accessory Equipment	11,315,732		161,757		161,757	176,578
316	Miscellaneous Equipment	5,851,004		206,835		206,835	240,955
	Total Steam Production Plant	\$210,983,315		\$3,302,908	\$0	\$3,302,908	\$3,413,865
<u>Other Production Plant</u>							
<u>Glendive Turbine Unit 1</u>							
851	341 Structures & Improvements	\$1,761,883	8.78%	\$154,693		\$154,693	
	342 Fuel Holders, Producers & Acces.	891,904	9.26%	82,590		82,590	
	344 Generators	4,842,867	2.74%	132,695		132,695	
	345 Accessory Equipment	1,591,112	6.95%	110,582		110,582	
	346 Miscellaneous Equipment	316,223	10.42%	32,950		32,950	
	Total Glendive Turbine Unit 1	\$9,403,989		\$513,510	\$0	\$513,510	
<u>Glendive Turbine Unit 2</u>							
850	344 Generators	\$11,834,644	2.57%	\$304,150		\$304,150	
<u>Miles City Turbine</u>							
852	341 Structures & Improvements	\$273,404	15.97%	\$43,663		\$43,663	
	342 Fuel Holders, Producers & Acces.	114,844	10.69%	12,277		12,277	
	344 Generators	2,620,180	4.11%	107,689		107,689	
	345 Accessory Equipment	614,232	11.41%	70,084		70,084	
	346 Miscellaneous Equipment	45,053	11.08%	4,992		4,992	
	Total Miles City Turbine	\$3,667,713		\$238,705	\$0	\$238,705	
<u>Portable Generator</u>							
855	341 Structures & Improvements	\$134,021	2.55%	\$3,418		\$3,418	
	342 Fuel Holders, Producers & Acces.	96,626	2.60%	2,512		2,512	
	344 Generators	888,535	2.99%	26,567		26,567	
	345 Accessory Equipment	471,363	3.04%	14,329		14,329	
	Total Portable Generator	\$1,590,545		\$46,826	\$0	\$46,826	

**MONTANA-DAKOTA UTILITIES CO.  
DEPRECIATION EXPENSE AT PROPOSED RATES - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

Acct. No.	Account	Adjusted Plant - Year End 2021	Current Rate	Annual Depreciation	To Clearing Accounts	Annual Depreciation	Adjusted 2021 Actual Depr. Exp.
857	<u>Ormat</u>						
341	Structures & Improvements	\$498,385	5.21%	\$25,966		\$25,966	
344	Generators	8,678,508	5.21%	452,150		452,150	
345	Accessory Equipment	1,568,612	5.21%	81,725		81,725	
	Total Ormat	\$10,745,505		\$559,841	\$0	\$559,841	
872	<u>Heskett Unit III Gas Turbine</u>						
341	Structures & Improvements	\$5,048,504	1.43%	\$72,194		\$72,194	
342	Fuel Holders, Producers & Acces.	782,372	1.43%	11,188		11,188	
344	Generators	26,574,769	2.48%	659,054		659,054	
345	Accessory Equipment	3,255,671	1.43%	46,556		46,556	
346	Miscellaneous Equipment	894,438	3.40%	30,411		30,411	
	Total Heskett Unit III Gas Turbine	\$36,555,754		\$819,403	\$0	\$819,403	
872	<u>Lewis &amp; Clark Unit II RICE</u>						
341	Structures	\$9,536,537	2.50%	\$238,413		\$238,413	
342	Fuel Holders, Producers & Acces.	2,121,054	2.50%	53,026		53,026	
344	Generators	18,386,907	2.50%	459,673		459,673	
345	Accessory Equipment	\$4,054,131	2.50%	101,353		\$101,353	
346	Miscellaneous Equipment	2,321,250	2.50%	58,031		58,031	
	Total Lewis & Clark Unit II RICE	\$36,419,879		\$910,496	\$0	\$910,496	
	<u>Other Production</u>						
310	Land	\$27,382					
	Total Other Production	\$27,382					
	<u>Other Production Plant Summary</u>						
340	Land	\$27,382					
341	Structures & Improvements	17,252,734		\$538,347		\$538,347	\$417,219
342	Fuel Holders, Producers & Acces.	4,006,800		161,593		161,593	161,726
344	Generators	73,826,410		2,141,978		2,141,978	2,056,304
345	Accessory Equipment	11,555,121		424,629		424,629	440,181
346	Miscellaneous Equipment	3,576,964		126,384		126,384	105,310
	Total Other Production Plant	\$110,245,411		\$3,392,931	\$0	\$3,392,931	\$3,180,740

**MONTANA-DAKOTA UTILITIES CO.  
DEPRECIATION EXPENSE AT PROPOSED RATES - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

Acct. No.	Account	Adjusted Plant - Year End 2021	Current Rate	Annual Depreciation	To Clearing Accounts	Annual Depreciation	Adjusted 2021 Actual Depr. Exp.
<u>Transmission Plant</u>							
350.1	Land	\$1,427,006					
350.2	Rights of Way	2,529,118	1.44%	\$36,419		\$36,419	\$40,123
352	Structures & Improvements	1,271	1.44%	18		18	0
353	Station Equipment	104,067,561	1.58%	1,644,267		1,644,267	1,776,479
354	Towers & Fixtures	1,190,319	1.79%	21,307		21,307	45,991
355	Poles & Fixtures	64,661,935	2.03%	1,312,637		1,312,637	1,191,065
356	Overhead Conductor & Devices	53,648,933	1.53%	820,829		820,829	816,698
357	Underground Conduit	1,594,297	2.01%	32,045		32,045	32,045
358	Underground Conductor & Devices	2,434,105	2.01%	48,926		48,926	48,925
	Total Transmission Plant	\$231,554,545		\$3,916,448	\$0	\$3,916,448	\$3,951,326
<u>Distribution Plant</u>							
360.1	Land	\$2,787,448					
360.2	Rights of Way	223,490	1.25%	\$2,794		\$2,794	\$2,794
362	Station Equipment	61,184,975	1.92%	1,174,752		1,174,752	1,162,719
364	Poles, Towers & Fixtures	25,915,302	3.09%	800,783		800,783	782,544
365	Overhead Conductors & Devices	22,638,560	2.55%	577,283		577,283	575,680
366	Underground Conduit	200,238	1.81%	3,624		3,624	3,587
367	Underground Conductor & Devices	97,554,608	2.14%	2,087,669		2,087,669	2,037,096
368	Line Transformers	53,269,662	1.85%	985,489		985,489	971,713
369	Services	26,378,280	1.65%	435,242		435,242	427,965
370	Meters	12,330,610	7.19%	886,571		886,571	883,202
371	Installation on Cust. Premises	1,636,104	4.84%	79,187		79,187	79,178
373	Street Lighting & Signal System	4,835,016	2.88%	139,248		139,248	140,280
	Total Distribution Plant	\$308,954,293		\$7,172,642	\$0	\$7,172,642	\$7,066,758
<u>General Plant</u>							
389	Land	\$115,287					
390	Structures & Improvements	1,150,765	0.81%	\$9,321		\$9,321	\$9,290
391.1	Office Furniture & Equipment	99,983	6.67%	6,669		6,669	6,661
391.4	Computer Equip. - Prime	0	20.00%	0		0	2,082
391.5	Computer Equip. - Other	51,673	10.00%	5,167		5,167	4,608
392.1	Trans. Equip., Non - Unitized	638,164	4.54%	28972.6456	\$28,973	(0)	0
392.2	Trans. Equip., Unitized	4,697,399	5.48%	257,417	257,417	0	0

**MONTANA-DAKOTA UTILITIES CO.  
DEPRECIATION EXPENSE AT PROPOSED RATES - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

Acct. No.	Account	Adjusted Plant - Year End 2021	Current Rate	Annual Depreciation	To Clearing Accounts	Annual Depreciation	Adjusted 2021 Actual Depr. Exp.
394.1	Tools, Shop & Garage Equip.	\$3,715,463	5.00%	\$185,773		\$185,773	\$184,181
395	Laboratory Equipment	393,929	5.00%	19,696		19,696	19,853
396.1	Trailers-Work Equipment	506,592	5.44%	27,559	27,559	0	0
396.2	Power Operated Equipment	7,581,277	5.39%	408,631	408,631	0	0
397.1	Radio Communication Equip. - Fixed	467,680	6.67%	31,194		31,194	29,774
397.2	Radio Communication Equip. - Mobile	113,488	6.67%	7,570		7,570	7,570
397.3	General Telephone Comm. Equip.	0	10.00%	0		0	836
397.5	Supervisory & Telemetry Equip.	42,063	10.00%	4,206		4,206	4,206
397.6	Scada System	1,217,336	10.00%	121,734		121,734	120,356
397.8	Network Equipment	247,415	20.00%	49,483		49,483	51,796
398	Miscellaneous Equipment	38,929	4.00%	1,557		1,557	1,942
	<b>Total General Plant</b>	<b>\$21,077,443</b>		<b>\$1,164,950</b>	<b>\$722,580</b>	<b>\$442,370</b>	<b>\$443,155</b>
303	General - Intangible	\$8,335,643		\$930,720		\$930,720	\$789,544
	<u>Common Plant - Electric</u>						
389	Land	\$1,465,394					
390	Structures & Improvements	27,528,501	0.85%	\$233,992		\$233,992	\$234,100
391.1	Office Furniture & Equipment	1,014,216	6.67%	67,648		67,648	69,036
391.3	Computer Equip. - PC	1,432,366	20.00%	286,473		286,473	286,026
391.5	Computer Equip. - Other	790,587	20.00%	158,117		158,117	158,354
392.1	Transport Equip. - Trailers	6,065	0.00%	0	\$0	0	0
392.2	Transport Equip.-Vehicles	3,451,291	6.65%	229,511	229,511	0	0
392.3	Aircraft Equipment	1,970,847	4.00%	78,834		78,834	78,834
393	Stores Equipment	57,340	3.33%	1,909		1,909	1,658
394.1	Tools, Shop & Garage Equip.	318,077	5.56%	17,685		17,685	17,871
394.3	Vehicle Maintenance Equipment	17,989	5.00%	899		899	913
394.4	Vehicle Refueling Equipment	0	5.00%	0		0	(325)
397.1	Radio Communication Equip. - Fixed	1,051,048	6.67%	70,105		70,105	63,953
397.2	Radio Communication Equip. - Mobile	463,116	6.67%	30,890		30,890	30,890
397.3	General Telephone Comm. Equip.	263,766	10.00%	26,377		26,377	26,377
397.5	Supervisory & Telemetry Equip.	6,063	6.67%	404		404	340
397.8	Network Equipment	138,526	20.00%	27,705		27,705	29,878
398	Miscellaneous Equipment	606,746	5.00%	30,337		30,337	30,265
	<b>Total Common Plant</b>	<b>\$40,581,938</b>		<b>\$1,260,886</b>	<b>\$229,511</b>	<b>\$1,031,375</b>	<b>\$1,028,170</b>

**MONTANA-DAKOTA UTILITIES CO.  
DEPRECIATION EXPENSE AT PROPOSED RATES - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

Acct. No.	Account	Adjusted Plant - Year End 2021	Current Rate	Annual Depreciation	To Clearing Accounts	Annual Depreciation	Adjusted 2021 Actual Depr. Exp.
303	Common - Intangible	\$19,550,680		\$1,506,804		\$1,506,804	\$1,428,146
114	Acquisition Adjustment	\$7,381,702	0.00%	\$0		\$0	\$0
	Total Electric Plant in Service	<u>\$958,664,970</u>		<u>\$22,648,289</u>	<u>\$952,091</u>	<u>\$21,696,198</u>	<u>\$21,301,704</u>
403.5	Amort. - Power Plant Decommissioning			\$500,000		\$500,000	\$500,000
403.5	Amort. - Wind Decommissioning			584,244		0	0
405.1	Amort. Of Retired Power Plants			(22,878)		(22,878)	(22,878)
407.1	Amort. - Unrecovered Plant			85,930		85,930	85,930
407.3	Amort. - Preferred Stock Redemption			20,943		\$20,943	\$20,943
407.3	Amort. - of Gain/Loss on Buildings			62,095		62,095	62,095
407.3	Amort. - L&C and Heskett Reg Asset Amortization			4,570,946		4,570,946	9,198,031 1/
	Total Depreciation and Amortization			<u>\$28,449,569</u>	<u>\$952,091</u>	<u>\$26,913,234</u>	<u>\$31,145,825</u>

1/ Balance reflects the 2022 Regulatory Asset Amortization based on the Lewis & Clark Unit I and Heskett Units I & II Regulatory Asset Balances.

**MONTANA-DAKOTA UTILITIES CO.  
ACCUMULATED RESERVE FOR DEPRECIATION - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2022**

	Adjusted Accumulated Reserve 2021	2022 Average Plant In Service 1/	Composite Rate 2/	2022		Accumulated Reserve 12/31/2022	2022 Average Balance
				Depreciation/ Amortization Expense	Retirements/ Removal 3/		
Steam Production	\$99,383,549	\$210,897,024	1.57%	\$3,311,083	(\$2,447,406)	\$100,247,226	\$99,815,388
Other Production	30,402,978	112,463,545	3.08%	3,463,877	(485,080)	33,381,775	31,892,377
Total Production	<u>\$129,786,527</u>	<u>\$323,360,569</u>		<u>\$6,774,960</u>	<u>(\$2,932,486)</u>	<u>\$133,629,001</u>	<u>\$131,707,765</u>
Transmission	\$63,550,092	\$231,912,894	1.69%	\$3,919,328	(\$4,492,158)	\$61,719,242 10/	\$62,634,667
Distribution	\$93,098,025	\$316,786,565	2.32%	\$7,349,448	(\$3,274,916)	\$97,172,557	\$95,135,291
General							
Other	\$2,246,661	\$7,462,755	6.63%	\$494,781	(\$377,417)	\$2,364,025	\$2,305,343
Structures & Improvements	550,574	2,334,087	0.81%	18,906	(67,320)	502,160	526,367
Computer Equipment	8,373	50,162	10.00%	5,016	(3,023)	10,366	9,370
Transportation	1,569,440	5,743,223	5.37%	308,411	(312,130)	1,565,721	1,567,581
Work Equipment	2,789,637	8,334,408	5.39%	449,225	(473,140)	2,765,722	2,777,680
Total General	<u>\$7,164,685</u>	<u>\$23,924,635</u>		<u>\$1,276,339</u>	<u>(\$1,233,030)</u>	<u>\$7,207,994</u>	<u>\$7,186,341</u>
General - Intangible	\$3,734,670	\$8,804,265	4/	\$1,022,254	\$0	\$4,756,924	\$4,245,797
Common							
Other	\$3,563,102	\$7,949,832	4.78%	\$380,002	(\$142,301)	\$3,800,803	\$3,681,953
Structures & Improvements	7,480,351	27,436,734	0.85%	233,212	(531,300)	7,182,263	7,331,307
Computer Equipment	885,765	2,371,756	20.00%	474,351	(42,903)	1,317,213	1,101,489
Vehicles	878,135	3,517,096	6.64%	233,535	(66,727)	1,044,943	961,539
Total Common	<u>\$12,807,353</u>	<u>\$41,275,418</u>		<u>\$1,321,100</u>	<u>(\$783,231)</u>	<u>\$13,345,222</u>	<u>\$13,076,288</u>
Common - Intangible	\$11,577,468	\$19,867,969	4/	\$1,564,803	(\$82,113)	\$13,060,158	\$12,318,813
Acquisition Adjustment	\$7,381,181	\$7,381,702	0.00%	\$0	\$0	\$7,381,181	\$7,381,181
Amort. - Power Plant Decommissioning	<u>(\$14,250)</u>	<u>\$0</u>	4/	<u>\$0</u> 6/	<u>\$0</u>	<u>(\$14,250)</u>	<u>(\$14,250)</u>
Total Accumulated Reserve	<u>\$329,085,751</u>	<u>\$973,314,017</u>		<u>\$23,228,232</u>	<u>(\$12,797,934)</u>	<u>\$338,258,029</u>	<u>\$333,671,893</u>
Book Depreciation Expense				<u>\$22,237,061</u> 9/			
Amort. - of Preferred Stock Redemption			5/	\$20,943		7/	7/
Amort. - of Gain/Loss on Buildings			5/	62,095		8/	8/
Amort. - Lewis & Clark Unit 1 and Heskett Units 1 & 2 Reg Asset			5/	9,198,031		11/	11/
Total Depreciation/Amortization Expense				<u>\$31,518,130</u>			

1/ See Statement B, page 1.

2/ Composite rates based on proposed depreciation rates by account. See Statement H, Schedule H-1, page 1.

3/ Based on the three-year average of retirements found in Statement Workpaper B, Schedule B-1, page 1.

4/ Amortization based on the life of each item.

5/ Amortized.

6/ See Statement D, Schedule D-1, Page 9.

7/ The balance is included in the Preferred Stock Redemption on Statement D, Page 5.

8/ The balance is included in the (Gain)/Loss on Sale of Buildings on Statement D page 6.

9/ Excludes depreciation on vehicles and work equipment, which are charged to a clearing account.

10/ Mandan Substation (\$10,410,567) reclassified from integrated system to FERC jurisdiction during 2022.

11/ The balance is included in the Lewis & Clark Unit I and Heskett Units I & II Regulatory Asset on Statement D, Page 11.

**MONTANA-DAKOTA UTILITIES CO.  
ACCUMULATED RESERVE FOR DEPRECIATION - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2023**

	Accumulated Reserve 12/31/2022	2023 Average Plant In Service 1/	Composite Rate 2/	2023		Accumulated Reserve 12/31/2023	2023 Average Balance
				Depreciation/ Amortization Expense	Retirements/ Removal 3/		
Steam Production	\$100,247,226	\$211,126,409	1.57%	\$3,314,685	(\$2,445,405)	\$101,116,506	\$100,681,866
Other Production	33,381,775	114,927,084	3.08%	3,539,754	(504,599)	36,416,930	34,899,353
Heskett Unit IV Gas Turbine	0	0	2.33%	0	0	0	0
Total Production	\$133,629,001	\$326,053,493		\$6,854,439	(\$2,950,004)	\$137,533,436	\$135,581,219
Transmission	\$61,719,242	\$235,301,764	1.69%	\$3,976,600	(\$4,506,062)	\$61,189,780	\$61,454,511
Distribution	\$97,172,557	\$331,118,734	2.32%	\$7,681,955	(\$3,440,960)	\$101,413,552	\$99,293,055
General							
Other	\$2,364,025	\$9,224,506	6.63%	\$611,585	(\$495,725)	\$2,479,885	\$2,421,955
Structures & Improvements	502,160	3,414,524	0.81%	27,658	(205,768)	324,050	413,105
Computer Equipment	10,366	47,227	10.00%	4,723	(2,846)	12,243	11,305
Transportation	1,565,721	6,298,540	5.37%	338,232	(359,827)	1,544,126	1,554,924
Work Equipment	2,765,722	9,018,446	5.39%	486,094	(501,985)	2,749,831	2,757,777
Total General	\$7,207,994	\$28,003,243		\$1,468,292	(\$1,566,151)	\$7,110,135	\$7,159,066
General - Intangible	\$4,756,924	\$10,469,858	4/	\$1,442,104	\$0	\$6,199,028	\$5,477,976
Common							
Other	\$3,800,803	\$9,322,507	4.78%	\$445,616	(\$164,562)	\$4,081,857	\$3,941,330
Structures & Improvements	7,182,263	27,399,833	0.85%	232,899	(527,758)	6,887,404	7,034,834
Computer Equipment	1,317,213	2,700,919	20.00%	540,184	(48,647)	1,808,750	1,562,982
Vehicles	1,044,943	3,704,711	6.64%	245,993	(69,033)	1,221,903	1,133,423
Total Common	\$13,345,222	\$43,127,970		\$1,464,692	(\$810,000)	\$13,999,914	\$13,672,569
Common - Intangible	\$13,060,158	\$21,332,370	4/	\$1,720,419	(\$84,778)	\$14,695,799	\$13,877,979
Acquisition Adjustment	\$7,381,181	\$7,381,702	0.00%	\$0	\$0	\$7,381,181	\$7,381,181
Amort. - Power Plant Decommissioning	(\$14,250)	\$0	4/	\$647,584 6/	\$0	\$633,334	\$309,542
Total Accumulated Reserve	\$338,258,029	\$1,002,789,134		\$25,256,085	(\$13,357,955)	\$350,156,159	\$344,207,098
Book Depreciation Expense				\$24,185,766 9/			
Amort. - of Preferred Stock Redemption			5/	\$20,943		7/	7/
Amort. - of Gain/Loss on Buildings			5/	62,095		8/	8/
Amort. - Lewis & Clark Unit I and Heskett Units I & II Regulatory Asset			5/	4,469,917		10/	10/
Total Depreciation/Amortization Expense				\$28,738,721			

1/ See Statement B, page 1.

2/ Composite rates based on proposed depreciation rates by account. See Statement H, Schedule H-1, page 1.

3/ Based on the three-year average of retirements found in Statement Workpaper B, Schedule B-1, page 1.

4/ Amortization based on the life of each item.

5/ Amortized.

6/ See Statement D, Schedule D-1, Page 9.

7/ The balance is included in the Preferred Stock Redemption on Statement D, Page 5.

8/ The balance is included in the (Gain)/Loss on Sale of Buildings on Statement D page 6.

9/ Excludes depreciation on vehicles and work equipment, which are charged to a clearing account.

10/ The balance is included in the Lewis & Clark Unit I and Heskett Units I & II Regulatory Asset on Statement D, Page 11.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTANGIBLE PLANT AMORTIZATION RATES - INTERIM  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

	Total Plant	Amortization
General Intangible - Base Depreciation	\$8,335,643	\$930,720
2022 General Intangible Additions	937,243	91,534
2022 General Intangible Depreciation	<u>\$9,272,886</u>	<u>\$1,022,254</u>
General Intangible - Base Depreciation		\$1,022,254
2022 General Intangible Additions		183,068
2023 General Intangible Additions	\$2,393,941	236,782
2023 General Intangible Depreciation	<u>\$11,666,827</u>	<u>\$1,442,104</u>
Common Intangible - Base Depreciation	\$19,550,680	\$1,506,804
2022 Common Intangible Additions	716,691	57,999
2022 Common Intangible Retirements		<u>0</u> 1/
2022 Common Intangible Depreciation	<u>\$20,267,371</u>	<u>\$1,564,803</u>
Common Intangible - Base Depreciation		\$1,506,804
2022 Common Intangible Additions	\$716,691	115,998
2023 Common Intangible Additions	2,379,004	105,828
2023 Common Intangible Retirements	<u>(82,113)</u>	<u>(8,211)</u> 1/
2023 Common Intangible Depreciation	<u>\$23,280,953</u>	<u>\$1,720,419</u>

1/ Estimate expected life for retirements is 10 years.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTANGIBLE PLANT AMORTIZATION RATES - INTERIM  
TWELVE MONTHS ENDING DECEMBER 31, 2021  
PROJECTED 2022-2023**

		Amount	Expected Life	Amortization
	<u>2022 General Intangible Additions</u>			
FP-317026	Upgrade Distribution SCADA System	\$746,552	5	\$149,310
FP-318714	Install DMS & SCADA Software	100,293	5	20,059
FP-312056	Upgrade GIS Data Addition SCADA	76,662	7	10,952
FP-321508	Upgrade TRI Software	13,736	5	2,747
		\$937,243		\$183,068
			First year:	\$91,534
	<u>2022 Common Intangible Additions</u>			
FP-100575	Customer Self Service Web	\$38,178	10	\$3,818
FP-316051	Replace GIS Landbase	462,457	7	66,065
FP-319697	Upgrade CC&B	114,348	5	22,870
FP-321271	Create New Datasets for ThroughSpot	74,099	5	14,820
FP-321576	Bottomline Transform Licenses	5,839	5	1,168
FP-321785	Install Powerplan Patch	21,770	3	7,257
		\$716,691		\$115,998
			First year:	\$57,999
	<u>2023 General Intangible Additions</u>			
FP-312056	Upgrade GIS Data Addition SCADA	\$77,615	7	\$11,088
FP-316300	Install Outage Management System	2,146,511	5	429,302
FP-319703	IT Network Equipment	156,002	5	31,200
FP-321700	Upgrade TRI Software	13,813	7	1,973
		\$2,393,941		\$473,563
			First year:	\$236,782
	<u>2023 Common Intangible Additions</u>			
FP-100550	Upgrade Work Asset Management	\$2,159,275	12	\$179,940
FP-100575	Upgrade Customer Self Service Web/IVR	37,711	10	3,771
FP-321271	Create New Datasets for ThoughtSpot	33,993	5	6,799
FP-321544	Upgrade Powerplan Production	148,025	7	21,146
		\$2,379,004		\$211,656
			First year:	\$105,828

**MONTANA-DAKOTA UTILITIES CO.**  
**SUMMARY OF TAXES OTHER THAN INCOME - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**TWELVE MONTHS ENDED DECEMBER 31, 2021**  
**PROJECTED 2022 - 2023**

<u>Type of Tax</u>	<u>Per Books</u>	<u>Adjusted</u>	<u>Projected</u>	
	<u>2021</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>
Ad Valorem:				
Production	\$2,293,640	\$2,024,193	\$2,037,495	\$2,054,463
Transmission	1,431,668	1,201,737	1,203,628	1,221,216
Distribution	1,417,578	1,417,578	1,453,417	1,519,173
General	132,143	132,143	149,984	175,552
Common	150,291	150,291	152,843	159,703
Intangible	170,283	170,283	175,073	194,184
Total Ad Valorem Taxes	<u>\$5,595,603</u>	<u>\$5,096,225</u>	<u>\$5,172,440</u>	<u>\$5,324,291</u>
O&M Related Taxes - Other:				
Payroll Taxes	\$1,667,585	\$1,379,449	\$1,493,636	\$1,574,326
Delaware Franchise	24,256	24,256	24,256	24,256
Total O&M Related Taxes	<u>\$1,691,841</u>	<u>\$1,403,705</u>	<u>\$1,517,892</u>	<u>\$1,598,582</u>
Electric Production Taxes: 1/				
Montana Electric	\$102,195	\$78,345	\$79,767	\$81,939
North Dakota Coal Conversion	367,864	201,950	50,826	53,234
Wind Generation	487,957	0	0	0
Total Electric Production	<u>\$958,016</u>	<u>\$280,295</u>	<u>\$130,593</u>	<u>\$135,173</u>
Other:				
Highway Use Tax	\$4,213	\$4,213	\$4,213	\$4,213
Secretary of State	1,353	1,353	1,353	1,353
Total Other	<u>\$5,566</u>	<u>\$5,566</u>	<u>\$5,566</u>	<u>\$5,566</u>
Total Taxes Other Than Income	<u>\$8,251,026</u>	<u>\$6,785,791</u>	<u>\$6,826,491</u>	<u>\$7,063,612</u>

1/ Montana Wholesale Energy Tax and Generation Tax. See Statement Workpaper I, Page 1.  
2/ See Statement Workpaper I, Page 2.

**MONTANA-DAKOTA UTILITIES CO.  
AD VALOREM TAXES - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDED DECEMBER 31, 2021  
PROJECTED 2022 - 2023**

	Effective Tax Rate	Projected 2022		Projected 2023	
		Avg. Plant Balance 1/	Ad Valorem Tax	Avg. Plant Balance 1/	Ad Valorem Tax
Production	0.6301%	\$323,360,569	\$2,037,495	\$326,053,493	\$2,054,463
Transmission	0.5190%	231,912,894	1,203,628	235,301,764	1,221,216
Distribution	0.4588%	316,786,565	1,453,417	331,118,734	1,519,173
General	0.6269%	23,924,635	149,984	28,003,243	175,552
Common	0.3703%	41,275,418	152,843	43,127,970	159,703
Intangible	0.6106%	28,672,234	175,073	31,802,228	194,184
Total Ad Valorem Taxes		<u>\$965,932,315</u>	<u>\$5,172,440</u>	<u>\$995,407,432</u>	<u>\$5,324,291</u>

1/ See Statement B, page 1.

Per Books 2021	Total	Renewable Rider	Transmission Rider	Adjusted
Production	\$2,293,640	\$269,447		\$2,024,193
Transmission	1,431,668		\$229,931	1,201,737
Distribution	1,417,578			1,417,578
General	132,143			132,143
Common	150,291			150,291
Intangible	170,283			170,283
	<u>\$5,595,603</u>	<u>\$269,447</u>	<u>\$229,931</u>	<u>\$5,096,225</u>

Development of Effective Tax Rate:

Function	Plant Balance @ 12/31/2021 1/	Adjusted Ad Valorem Tax @ 12/31/2021	Effective Tax Rate
Production	\$321,228,726	\$2,024,193	0.6301%
Transmission	231,554,545	1,201,737	0.5190%
Distribution	308,954,293	1,417,578	0.4588%
General	21,077,443	132,143	0.6269%
Common	40,581,938	150,291	0.3703%
Intangible	27,886,323	170,283	0.6106%
Total	<u>\$951,283,268</u>	<u>\$5,096,225</u>	

1/ Plant balance excludes assets from Lewis and Clark Unit I and Heskett Unit I & II, and assets included in the renewable rider and transmission rider.

**MONTANA-DAKOTA UTILITIES CO.  
PAYROLL TAXES - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDED DECEMBER 31, 2021  
PROJECTED 2022 - 2023**

	Per Books 2021	Adjusted 2021	Projected	
	<u>2021</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>
Labor Expense 1/	\$25,360,879	\$21,278,159	\$22,699,640	\$23,925,931
Payroll Taxes	\$1,667,585	\$1,379,449	\$1,493,636	\$1,574,326
% Payroll Taxes to Labor	6.58%	6.48%	6.58%	6.58%

1/ See Statement G, Schedule G-1, page 10 for per books and projected labor.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
CALCULATION OF INCOME TAXES - INTERIM  
PROJECTED 2022 - 2023**

	Projected	
	2022	2023
<b><u>Operating Revenues</u></b>		
Sales Revenues	\$171,209,147	\$172,902,977
Sales for Resale	0	0
Other Revenues	3,896,420	3,898,165
Total Operating Revenues	\$175,105,567	\$176,801,142
<b><u>Operating Expenses</u></b>		
Operation and Maintenance		
Cost of Fuel & Purchased Power	\$44,292,587	\$45,814,244
Other O&M	51,911,381	55,501,290
Total O&M	\$96,203,968	\$101,315,534
Depreciation and Amortization Expense	31,518,130	28,738,721
Taxes Other Than Income	6,826,491	7,063,612
Total Operating Expenses	\$134,548,589	\$137,117,867
<b>Operating Income</b>	\$40,556,978	\$39,683,275
Adjustments to Taxable Income:		
AFUDC Equity Add Back	\$270,123	\$441,456
Other Adjustments to Taxable Income	(\$797,546)	(\$797,546)
Interest 1/	(12,724,680)	(13,184,592)
Total Adjustments to Taxable Income	(\$13,252,103)	(\$13,540,682)
Taxable Income	\$27,304,875	\$26,142,593
Federal & State Income Taxes	\$6,663,727	\$6,380,074
Plant Related Excess Deferred - ARAM	(1,389,725)	(926,911)
Total Income Taxes	\$5,274,002	\$5,453,163

1/ See Statement J, Schedule J-1 page 1.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
INTEREST EXPENSE DEDUCTION - INTERIM  
PROJECTED 2022 - 2023**

	Projected	
	2022	2023
Rate Base 1/	\$583,165,905	\$605,353,152
Weighted Cost of Debt 2/	2.182%	2.178%
Interest Expense	<u>\$12,724,680</u>	<u>\$13,184,592</u>

1/ See Statement A, page 3.

2/ See Statement E, page 1. Includes short and long-term debt.

**MONTANA-DAKOTA UTILITIES CO.**  
**SUMMARY OF ACCUMULATED DEFERRED INCOME TAXES - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**  
**PROJECTED 2022-2023**

	Per Books 2020	Per Books 2021	Average Balance 2021	Adjusted Per Books 2021 1/	Average Adjusted 2021
Liberalized Depreciation	\$178,202,905	\$181,321,549	\$179,762,228	\$119,663,976	\$114,171,735
Contribution in Aid of Construction	(5,580,557)	(6,207,356)	(5,893,957)	(6,207,356)	(5,893,957)
Full Normalization 2/	205,641	0	102,821	0	102,821
Gain/Loss on Sale of Buildings	251,579	236,425	244,002	236,425	244,002
Unamortized Loss on Debt	395,230	316,293	355,762	316,293	355,762
Customer Advances	(500,577)	(291,025)	(395,801)	(291,025)	(395,801)
Accelerated Amortization	223,607	4,181	113,894	0	0
Investment Tax Credit	(1,630,837)	(1,756,486)	(1,693,662)	0	0
Decommissioning	(308,019)	(572,628)	(440,324)	0	0
Renewable Rider Regulatory Liability	(609,743)	(1,885,338)	(1,247,541)	0	0
Retired Power Plant	(5,583)	0	(2,792)	0	(2,792)
Lewis & Clark Unit 1 Regulatory Asset	0	6,140,675	3,070,338	0	0
Provision for Pensions & Benefits	0	0	0	0	0
Provision for Post Retirements	0	0	0	0	0
Total	<u>\$170,643,646</u>	<u>\$177,306,290</u>	<u>\$173,974,968</u>	<u>\$113,718,313</u>	<u>\$108,581,770</u>

	Projected 2022			Projected 2023		
	Activity	Year End	Average	Activity	Year End	Average
Liberalized Depreciation	\$2,712,015	\$122,375,991	\$120,920,293 3/	\$2,556,700	\$124,932,691	\$123,560,359 3/
Contribution in Aid of Construction	0	(6,207,356)	(6,207,356)	0	(6,207,356)	(6,207,356)
Full Normalization 2/	0	0	0	0	0	0
Gain/Loss on Sale of Buildings	(15,151)	221,274	228,849	(15,151)	206,123	213,698
Unamortized Loss on Debt	(74,146)	242,147	279,220	(74,146)	168,001	205,074
Customer Advances	13	(291,012)	(291,019)	0	(291,012)	(291,012)
Accelerated Amortization 4/	0	0	0	0	0	0
Investment Tax Credit 4/	0	0	0	0	0	0
Decommissioning 4/	0	0	0	0	0	0
Renewable Rider Regulatory Liability 4/	0	0	0	0	0	0
Retired Power Plant	0	0	0	0	0	0
Lewis & Clark Unit 1 Regulatory Asset 4/	0	0	0	0	0	0
Provision for Pensions & Benefits	0	0	0	0	0	0
Provision for Post Retirements	0	0	0	0	0	0
Total	<u>\$2,622,731</u>	<u>\$116,341,044</u>	<u>\$114,929,987</u>	<u>\$2,467,403</u>	<u>\$118,808,447</u>	<u>\$117,480,763</u>

1/ Adjusted per books 2021 reflects year end 2021 per books deferred tax balances less any balances included in the Renewable or Transmission rider, Heskett Unit I & II, and balances included in the deferred accounting treatment for Lewis & Clark Unit I.

2/ South Georgia normalization fully amortized in 2021.

3/ Average Liberalized Depreciation balances based on monthly proration methodology.

4/ Items are related to the Renewable Rider, Transmission Rider, or retirement of Lewis & Clark Unit I and Heskett Unit I & II.

**MONTANA-DAKOTA UTILITIES CO.  
LIBERALIZED DEPRECIATION - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021  
PROJECTED 2022-2023**

<u>Beg. Balance &amp; Monthly Changes</u>	<u>Month</u>	<u>Year</u>	<u>Weighting For Projection</u>	<u>Monthly Increments</u>	<u>Balance/ Increments</u>	<u>Average Balance</u>
Balance	December	2021	100.00%			\$119,663,976
Increment	January	2022	91.78%	\$226,001	\$207,424	119,871,400
Increment	February	2022	84.11%	226,001	190,089	120,061,489
Increment	March	2022	75.62%	226,001	170,902	120,232,391
Increment	April	2022	67.40%	226,001	152,325	120,384,716
Increment	May	2022	58.90%	226,001	133,115	120,517,831
Increment	June	2022	50.68%	226,001	114,537	120,632,368
Increment	July	2022	42.19%	226,001	95,350	120,727,718
Increment	August	2022	33.70%	226,001	76,162	120,803,880
Increment	September	2022	25.48%	226,001	57,585	120,861,465
Increment	October	2022	16.99%	226,001	38,398	120,899,863
Increment	November	2022	8.77%	226,001	19,820	120,919,683
Increment	December	2022	0.27%	226,004	610	120,920,293
Total				<u>\$2,712,015</u>	<u>\$1,256,317</u>	
Balance	December	2022	100.00%			\$122,375,991
Increment	January	2023	91.78%	\$213,058	\$195,545	122,571,536
Increment	February	2023	84.11%	213,058	179,203	122,750,739
Increment	March	2023	75.62%	213,058	161,114	122,911,853
Increment	April	2023	67.40%	213,058	143,601	123,055,454
Increment	May	2023	58.90%	213,058	125,491	123,180,945
Increment	June	2023	50.68%	213,058	107,978	123,288,923
Increment	July	2023	42.19%	213,058	89,889	123,378,812
Increment	August	2023	33.70%	213,058	71,801	123,450,613
Increment	September	2023	25.48%	213,058	54,287	123,504,900
Increment	October	2023	16.99%	213,058	36,199	123,541,099
Increment	November	2023	8.77%	213,058	18,685	123,559,784
Increment	December	2023	0.27%	213,062	575	123,560,359
Total				<u>\$2,556,700</u>	<u>\$1,184,368</u>	

**MONTANA-DAKOTA UTILITIES CO.  
DEFERRED INCOME TAX ON PLANT ADDITIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021**

	<u>Projected 2022 Year End</u>	<u>Projected 2023 Year End</u>
<u>Depreciation Adjustment</u>		
Tax Depreciation:		
2021 and Prior Vintages	\$31,126,543	\$25,692,021
2022 Year End Additions	3,214,272	5,604,036
2023 Year End Additions		<u>3,788,620</u>
Total Tax Depreciation	<u>\$34,340,815</u>	<u>\$35,084,677</u>
Book Depreciation: 1/		
Projected 2022	\$23,228,232	
Projected 2023		<u>\$24,608,501</u>
Total Book Depreciation	<u>\$23,228,232</u>	<u>\$24,608,501</u>
Tax to Book Depreciation Difference	<u>\$11,112,583</u>	<u>\$10,476,176</u>
<u>Deferred Income Taxes - Current</u>	<u>\$2,712,015</u>	<u>\$2,556,700</u>

1/ Includes depreciation on sub-plant accounts charged to clearing accounts and excludes amortization from Boiler Decommissioning, Retired Power Plant Decommissioning, Unrecovered Plant, Preferred Stock Redemption, Gain/Loss on Buildings and Excess Deferred Income Taxes.

**MONTANA-DAKOTA UTILITIES CO.  
TAX DEPRECIATION ON 2022 PLANT ADDITIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2022 - 2023**

	2022 Plant Additions	Annual Depreciation	Book Depr. for Taxes 1/	2022 Deferred Tax Calculation			2023 Deferred Tax Calculation		
				Tax Depreciation 2/	Book/Tax Difference	Deferred Income Taxes 3/	Tax Depreciation 2/	Book/Tax Difference	Deferred Income Taxes 3/
Steam Production	\$2,274,824	\$35,715	\$17,858	\$85,306	\$67,448	\$16,461	\$164,220	\$128,505	\$31,362
Other Production	4,921,348	151,578	75,789	246,067	170,278	41,556	467,528	315,950	77,107
Total Production	\$7,196,172	\$187,293	\$93,647	\$331,373	\$237,726	\$58,017	\$631,748	\$444,455	\$108,469
Transmission	\$15,619,412	\$263,968	\$131,984	\$585,728	\$453,744	\$110,736	\$1,127,565	\$863,597	\$210,760
Distribution	\$18,939,459	\$439,395	\$219,698	\$710,230	\$490,532	\$119,714	\$1,367,240	\$927,845	\$226,440
General									
Other	\$2,399,781	\$159,105	\$79,553	\$342,929	\$263,376	\$64,277	\$587,706	\$428,601	\$104,600
Structures & Improvements	2,433,963	19,715	9,858	33,856	23,998	5,857	62,407	42,692	10,419
Computer Equipment	0	0	0	0	0	0	0	0	0
Transportation	1,127,449	60,544	30,272	225,490	195,218	47,643	360,784	300,240	73,273
Work Equipment	966,218	52,079	26,040	138,073	112,033	27,342	236,627	184,548	45,039
Total General	\$6,927,411	\$291,443	\$145,723	\$740,348	\$594,625	\$145,119	\$1,247,524	\$956,081	\$233,331
General - Intangible	\$937,244	\$183,068	\$91,534	\$312,383	\$220,849	\$53,898	\$416,605	\$233,537	\$56,994
Common									
Other	\$1,295,708	\$61,935	\$30,968	\$185,157	\$154,189	\$37,630	\$317,319	\$255,384	\$62,326
Structures & Improvements	347,766	2,956	1,478	4,837	3,359	820	8,917	5,961	1,455
Computer Equipment	340,508	68,102	34,051	68,102	34,051	8,310	108,963	40,861	9,972
Vehicles	186,206	12,364	6,182	37,241	31,059	7,580	59,586	47,222	11,524
Total Common	\$2,170,188	\$145,357	\$72,679	\$295,337	\$222,658	\$54,340	\$494,785	\$349,428	\$85,277
Common - Intangible	\$716,690	\$115,998	\$57,999	\$238,873	\$180,874	\$44,142	\$318,569	\$202,571	\$49,437
Total Additions	<u>\$52,506,576</u>	<u>\$1,626,522</u>	<u>\$813,264</u>	<u>\$3,214,272</u>	<u>\$2,401,008</u>	<u>\$585,966</u>	<u>\$5,604,036</u>	<u>\$3,977,514</u>	<u>\$970,708</u>

1/ Annual depreciation divided by 2 to reflect first year depreciation for half-year convention.

2/ Tax depreciation rates are:	Tax Rates = Yr 1	Tax Rates = Yr 2	
Steam Production	3.750%	7.219%	(20 Yr.)
Other Production	5.000%	9.500%	(15 Yr.)
Transmission	3.750%	7.219%	(20 Yr.)
Distribution	3.750%	7.219%	(20 Yr.)
General & Common	14.290%	24.490%	(7 Yr.)
Transportation & Computer	20.000%	32.000%	(5 Yr.)
Structures & Improvements	1.391%	2.564%	(39 Yr.)
Intangible	33.330%	44.450%	(3 Yr.)

3/ Tax Rate 24.4049%

**MONTANA-DAKOTA UTILITIES CO.  
TAX DEPRECIATION ON 2023 PLANT ADDITIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2023**

	2023 Plant Additions	Annual Depreciation	Book Depr. for Taxes 1/	Tax Depreciation 2/	Book/Tax Difference	Deferred Income Taxes 3/
Steam Production	\$3,076,756	\$48,305	\$24,153	\$115,378	\$91,225	\$22,263
Other Production	995,408	30,659	15,330	49,770	34,440	8,405
Total Production	<u>\$4,072,164</u>	<u>\$78,964</u>	<u>\$39,483</u>	<u>\$165,148</u>	<u>\$125,665</u>	<u>\$30,668</u>
Transmission	\$10,567,106	\$178,584	\$89,292	\$396,266	\$306,974	\$74,917
Distribution	\$16,440,755	\$381,426	\$190,713	\$616,528	\$425,815	\$103,920
General						
Other	\$1,996,863	\$132,392	\$66,196	\$285,352	\$219,156	\$53,485
Structures & Improvements	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0
Transportation	655,143	35,181	17,591	131,029	113,438	27,684
Work Equipment	1,376,983	74,219	37,110	196,771	159,661	38,965
Total General	<u>\$4,028,989</u>	<u>\$241,792</u>	<u>\$120,897</u>	<u>\$613,152</u>	<u>\$492,255</u>	<u>\$120,134</u>
General - Intangible	\$2,393,942	\$473,563	\$236,782	\$797,901	\$561,119	\$136,941
Common						
Other	\$1,756,506	\$83,961	\$41,981	\$251,005	\$209,024	\$51,012
Structures & Improvements	637,489	5,419	2,710	8,867	6,157	1,503
Computer Equipment	409,368	81,874	40,937	81,874	40,937	9,991
Vehicles	324,785	21,566	10,783	64,957	54,174	13,221
Total Common	<u>\$3,128,148</u>	<u>\$192,820</u>	<u>\$96,411</u>	<u>\$406,703</u>	<u>\$310,292</u>	<u>\$75,727</u>
Common - Intangible	<u>\$2,379,004</u>	<u>\$211,656</u>	<u>\$105,828</u>	<u>\$792,922</u>	<u>\$687,094</u>	<u>\$167,685</u>
Total Additions	<u><u>\$43,010,108</u></u>	<u><u>\$1,758,805</u></u>	<u><u>\$879,406</u></u>	<u><u>\$3,788,620</u></u>	<u><u>\$2,909,214</u></u>	<u><u>\$709,992</u></u>

1/ Annual depreciation divided by 2 to reflect first year depreciation for half-year convention.

2/ Tax depreciation rates are:

	Tax Rates = Yr 1	
Steam Production	3.750%	(20 Yr.)
Other Production	5.000%	(15 Yr.)
Transmission	3.750%	(20 Yr.)
Distribution	3.750%	(20 Yr.)
General & Common	14.290%	(7 Yr.)
Transportation & Computer	20.000%	(5 Yr.)
Structures & Improvements	1.391%	(39 Yr.)
Intangible	33.330%	(3 Yr.)

3/ Tax Rate 24.4049%

**MONTANA-DAKOTA UTILITIES CO.**  
**CALCULATION OF RECORDED STATE AND FEDERAL INCOME TAXES - INTERIM**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**TWELVE MONTHS ENDING DECEMBER 31, 2021**

	Per Books 2021
Operating Revenues	<u>\$213,635,142</u>
Operating Expense:	
O&M Expense	\$124,189,562
Depreciation Expense	43,429,137
Taxes Other than Income	8,251,026
Total Operating Expense	<u>\$175,869,725</u>
Operating Income	\$37,765,417
Interest Expense	\$16,031,713
Book Taxable Income before Adjustments	\$21,733,704
Deductions and Adjustments to Book Income:	
Tax Deductions	\$18,822,222
Total Deductions and Adjustments	<u>\$18,822,222</u>
Taxable Income - Before State Income Tax	\$2,911,482
Less: State and Local Income Taxes	35,500
Federal Taxable Income	<u>\$2,875,982</u>
Federal Income Taxes @ 21%	\$603,956
Credits and Adjustments	(10,073,173)
State Income Taxes	35,500
Federal and State Income Taxes	<u>(\$9,433,717)</u>
Closing/Filing - Federal and State	(894,400)
Total Federal and State Income Taxes	<u><u>(\$10,328,117)</u></u>

**MONTANA-DAKOTA UTILITIES CO.  
INCOME TAX DEDUCTIONS - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021**

	Per Books 2021
<b><u>Timing Deductions &amp; Adjustments</u></b>	
AFUDC Debt/Capitalized Interest	(1,091,564)
Bad Debts Expense	374,200
Customer Advances	858,648
F&PP Deferral	3,495,248
Incentive Compensation	1,144,670
ND Generation Rider	(55,601)
ND Renewable Rider	(1,355,954)
ND Transmission Rider	(2,523,452)
Prepaid Expenses	(2,438)
Property Insurance Recovery	(342,421)
Sundry Reserve	58,953
Vacation Pay	(85,735)
Capacity Revenue	58,133
WAPA Demand Revenue	35,044
Deferred Pension Expense	193,469
Deferred Post Retirement Expense (FAS 106)	596,985
Deferred Compensation - Officers	(89,490)
Unamortied Loss on Reaquired Debt	(303,007)
Preferred Stock Redemption	(20,943)
ND Renewable Rider - Noncurrent	(5,226,798)
Miscellaneous - Noncurrent	(710,623)
Regulatory Commission Expense	43,060
Deferred Medicare Part D	49,836
Payroll Tax Deferral	561,361
Abandoned Power Plant Cost Recovery	(85,930)
Retired Power Plant	22,878
Gain/Loss on Sale of Buildings	(62,095)
ND Generation Rider - Noncurrent	26,123,210
Plant Closure	(16,778,783)
Property Related Timing Differences	15,624,788
 <b><u>Permanent Deductions &amp; Adjustments</u></b>	
Total AFUDC CWIP	(347,688)
Total AFUDC Property	(538,193)
100% Entertainment	(378)
Penalties	(22,255)
Transportation Fringe - Parking	(35,884)
Fuel Tax Credit	(6,311)
Peformance Share Program	54,128
Executive Compensation	(795,473)
Unrealized Gain/Loss on Deferred Compensation	8,387
Accrued Tax Interest	240
Total M-1 Deductions	<b>\$18,822,222</b>

**MONTANA-DAKOTA UTILITIES CO.  
DEFERRED INCOME TAXES - INTERIM  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDING DECEMBER 31, 2021**

	Per Books 2021
<b><u>Timing Deductions &amp; Adjustments:</u></b>	
AFUDC - Debt/Capitalized Interest	(\$264,576)
Capacity Revenue	14,131
WAPA Demand Revenue	8,518
Deferred Pension Expense	47,538
Deferred Postretirement Benefits Costs (FAS 106)	146,688
Deferred Compensation - Directors	(21,989)
Bad Debt Expense	91,323
Incentive Compensation	281,263
Property Insurance	(83,873)
Vacation Pay	(21,066)
Customer Advances	209,552
Prepaid Expenses	(605)
F&PP Deferral	853,012
ND Generation Rider	(13,569)
Unamortized Loss on Debt	(74,134)
Preferred Stock Redemption	(5,111)
ND Transmission Rider	(615,846)
ND Renewable Rider	(1,606,514)
Miscellaneous	(172,734)
Sundry Reserves	14,440
Regulatory Commission Expense	10,509
Medicare Part D	12,246
Payroll Tax Deferral	137,935
Abandoned Power Plant Cost Recovery	(20,971)
Retired Power Plant	5,583
Gain/Loss on Sale of Buildings	(17,034)
Genreation Rider - L&C	6,375,343
Property Timing Differences	3,813,214
Plant Closure	(4,095,259)
<b><u>Amortization of Excess ADITs</u></b>	
TCJA Excess Plant Related - ARAM	(2,608,999)
South Georgia Normalization	(205,641)
<b><u>Other Deferred Income Tax Adjustments</u></b>	
Closing/Filing and Out of Period	1,078,733
	<u>1,078,733</u>
Total Deferred Income Taxes	<u>\$3,272,107</u>

**MONTANA-DAKOTA UTILITIES CO.**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**Interim Rate Design**  
**Summary of Projected Revenues and Billing Determinants**  
**Case No. PU-22-\_\_\_\_\_**

**Projected 2023**

Rate Reporting Class	Billing Units	Kwh	Billed KW	Basic Service Charge Revenue	Energy Revenue	Demand Revenue	FPPA	Rider Revenue	Total Revenue	Interim Increase 1/
<b>Residential Service</b>										
Rate 10	80,161	763,201,099		\$13,459,178	\$37,765,785		\$17,103,337	\$1,427,186	\$69,755,486	\$4,772,630
Rate 13	4	132,692		1,095	4,410		2,974	248	8,727	513
Rate 16	4	70,679		1,095	2,504		1,584	132	5,315	335
<b>Total Residential</b>	<b>80,169</b>	<b>763,404,470</b>		<b>13,461,368</b>	<b>37,772,699</b>		<b>17,107,895</b>	<b>1,427,566</b>	<b>69,769,528</b>	<b>4,773,478</b>
<b>Small General Service</b>										
Rate 20	10,410	88,215,802		\$3,191,779	\$4,491,252		\$1,976,916	\$164,964	\$9,824,911	\$715,828
Rate 25	49	1,577,312	10,040.6	26,828	2,934	\$31,943	35,348	2,950	100,003	5,749
Rate 26	270	1,950,557		98,550	62,141		43,712	3,648	208,051	14,972
Rate 40	271	3,270,836	7,220.9	85,308	69,942	46,587	73,299	6,117	281,253	18,805
<b>Total Small General</b>	<b>11,000</b>	<b>95,014,507</b>	<b>17,261.5</b>	<b>3,402,465</b>	<b>4,626,269</b>	<b>78,530</b>	<b>2,129,275</b>	<b>177,679</b>	<b>10,414,218</b>	<b>755,354</b>
<b>General Service</b>										
Rate 30 Secondary	4,566	722,746,179	2,202,914.3	\$3,068,991	\$16,847,213	\$23,251,782	\$16,196,742	\$1,216,251	\$60,580,979	\$4,021,961
Rate 30 Primary	40	226,484,074	507,095.6	48,000	3,202,485	6,098,111	4,935,088	279,973	14,563,657	871,009
<b>Rate 30 Contract Rates</b>										
Tesoro	1	98,750,754	161,517.3	1,200	1,575,291	1,056,761	2,151,779	89,175	4,874,206	245,340
Sabin	1	27,167,840	55,224.9	1,200	447,472	367,729	591,987	30,490	1,438,878	76,064
Rate 31 Primary	1	2,478,000	4,869.6	1,164	35,258	64,936	53,996	2,689	158,043	9,444
Rate 31 Secondary	52	13,853,295	38,840.3	44,928	323,025	474,070	310,452	21,444	1,173,919	78,451
Rate 32 Secondary	603	57,227,301	270,437.7	151,956	1,386,045	722,295	1,282,464	65,470	3,608,230	210,592
Rate 38	3	21,795,700	80,189.0	5,940	272,882	720,273	474,928	44,273	1,518,296	93,086
Capitol	1	10,190,400	23,985.7	1,200	127,584	217,395	222,049	13,243	581,471	32,253
<b>Total General</b>	<b>5,268</b>	<b>1,180,693,543</b>	<b>3,345,074.4</b>	<b>3,324,579</b>	<b>24,217,255</b>	<b>32,973,352</b>	<b>26,219,485</b>	<b>1,763,008</b>	<b>88,497,679</b>	<b>5,638,200</b>
<b>Municipal Lighting Service</b>										
Rate 41 Secondary	598	12,133,777			\$617,705		\$271,918	\$10,178	\$899,801	\$57,552
Rate 41 Primary	44	1,174,555			53,865		25,594	975	80,434	5,019
<b>Total Municipal Lighting</b>	<b>642</b>	<b>13,308,332</b>			<b>671,570</b>		<b>297,512</b>	<b>11,153</b>	<b>980,235</b>	<b>62,571</b>

**MONTANA-DAKOTA UTILITIES CO.**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
**Interim Rate Design**  
**Summary of Projected Revenues and Billing Determinants**  
**Case No. PU-22-\_\_\_\_\_**

**Projected 2023**

Rate Reporting Class	Billing Units	Kwh	Billed KW	Basic Service Charge Revenue	Energy Revenue	Demand Revenue	FPPA	Rider Revenue	Total Revenue	Interim Increase 1/
Municipal Pumping Service										
Rate 48 Secondary	303	22,345,983	83,684.9	\$152,558	\$388,173	\$540,303	\$500,773	42,323	\$1,624,130	\$100,720
Rate 48 Primary	5	23,520,600	50,995.4	4,320	380,563	331,482	512,514	25,340	1,254,219	66,744
<b>Total Municipal Pumping</b>	<b>308</b>	<b>45,866,583</b>	<b>134,680.3</b>	<b>156,878</b>	<b>768,736</b>	<b>871,785</b>	<b>1,013,287</b>	<b>67,663</b>	<b>2,878,349</b>	<b>167,464</b>
Outdoor Lighting Service										
Rate 52 Secondary	2,539	3,958,084			\$267,685		\$88,701	\$3,641	\$360,027	\$24,940
Rate 52 Primary	13	34,081			2,167		743	31	2,941	202
<b>Total Outdoor Lighting</b>	<b>2,552</b>	<b>3,992,165</b>			<b>269,852</b>		<b>89,444</b>	<b>3,672</b>	<b>362,968</b>	<b>25,142</b>
<b>Total North Dakota</b>	<b>99,939</b>	<b>2,102,279,600</b>	<b>3,497,016.2</b>	<b>\$20,345,290</b>	<b>\$68,326,381</b>	<b>\$33,923,667</b>	<b>\$46,856,898</b>	<b>\$3,450,741</b>	<b>\$172,902,977</b>	<b>\$11,422,209</b>

Total Revenue \$172,902,977  
Less F&PP 46,856,898  
Less Rider Revenue 3,450,741  


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122,595,338

1/ Interim Increase \$11,422,625  
Percent Increase in Revenues (excluding fuel and riders) 9.317%

**MONTANA-DAKOTA UTILITIES CO.**  
**ELECTRIC UTILITY - NORTH DAKOTA**  
Interim Rate Design  
Overall Bill Impact  
Case No. PU-22-\_\_\_\_\_

<b>Projected 2023</b>						
Rate Reporting Class	Total Revenue 1/	Interim Increase	Percent Increase	Rider Revenue 2/	Total Revenue (incl Riders)	Overall Bill Impact
<b>Residential Service</b>						
Rate 10	\$69,755,486	\$4,772,630		\$12,974,419	\$82,729,905	
Rate 13	8,727	513		2,256	10,983	
Rate 16	5,315	335		1,201	6,516	
<b>Total Residential</b>	<b>69,769,528</b>	<b>4,773,478</b>	6.8%	<b>12,977,876</b>	<b>82,747,404</b>	5.8%
<b>Small General Service</b>						
Rate 20	\$9,824,911	\$715,828		\$1,499,669	\$11,324,580	
Rate 25	100,003	5,749		26,814	126,817	
Rate 26	208,051	14,972		33,160	241,211	
Rate 40	281,253	18,805		55,604	336,857	
<b>Total Small General</b>	<b>10,414,218</b>	<b>755,354</b>	7.3%	<b>1,615,247</b>	<b>12,029,465</b>	6.3%
<b>General Service</b>						
Rate 30 Secondary	\$60,580,979	\$4,021,961		\$10,653,279	\$71,234,258	
Rate 30 Primary	14,563,657	871,009		3,338,376	17,902,033	
Rate 30 Contract Rates						
Tesoro	4,874,206	245,340		1,455,586	6,329,792	
Sabin	1,438,878	76,064		400,453	1,839,331	
Rate 31 Primary	158,043	9,444		36,526	194,569	
Rate 31 Secondary	1,173,919	78,451		204,198	1,378,117	
Rate 32 Secondary	3,608,230	210,592		843,531	4,451,761	
Rate 38	1,518,296	93,086		321,269	1,839,565	
Capitol	581,471	32,253		150,207	731,678	
<b>Total General</b>	<b>88,497,679</b>	<b>5,638,200</b>	6.4%	<b>17,403,425</b>	<b>105,901,104</b>	5.3%
<b>Municipal Lighting Service</b>						
Rate 41 Secondary	\$899,801	\$57,552		\$167,916	\$1,067,717	
Rate 41 Primary	80,434	5,019		16,080	96,514	
<b>Total Municipal Lighting</b>	<b>980,235</b>	<b>62,571</b>	6.4%	<b>183,996</b>	<b>1,164,231</b>	5.4%
<b>Municipal Pumping Service</b>						
Rate 48 Secondary	\$1,624,130	\$100,720		\$301,373	\$1,925,503	
Rate 48 Primary	1,254,219	66,744		311,883	1,566,102	
<b>Total Municipal Pumping</b>	<b>2,878,349</b>	<b>167,464</b>	5.8%	<b>613,256</b>	<b>3,491,605</b>	4.8%
<b>Outdoor Lighting Service</b>						
Rate 52 Secondary	\$360,027	\$24,940		\$60,202	\$420,229	
Rate 52 Primary	2,941	202		519	3,460	
<b>Total Outdoor Lighting</b>	<b>362,968</b>	<b>25,142</b>	6.9%	<b>60,721</b>	<b>423,689</b>	5.9%
<b>Total North Dakota</b>	<b>\$172,902,977</b>	<b>\$11,422,209</b>	<b>6.6%</b>	<b>\$32,854,521</b>	<b>\$205,757,498</b>	<b>5.6%</b>

1/ Total revenue includes projected 2023 revenue including Generation Rider revenue.

2/ Projected 2023 revenue from Transmission Cost Adjustment and Renewable Resource Cost Adjustment at current rates.