



# MONTANA-DAKOTA

UTILITIES CO.

A Division of MDU Resources Group, Inc.

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

June 14, 2011

Executive Secretary  
North Dakota Public Service Commission  
State Capitol  
Bismarck, ND 58505-0480

Re: Case No. PU-10-124  
Electric Rate Increase  
Compliance Tariffs

Montana-Dakota Utilities Co. (Montana-Dakota), a Division of MDU Resources Group, Inc., herewith submits an original and seven copies of revised electric service tariff sheets and supporting work papers in compliance with the Order issued by the North Dakota Public Service Commission on June 8, 2011 in the above referenced case (Commission Order).

The rates set forth on the revised tariff sheets will result in an increase in annual revenues of \$7,614,923. The revised tariffs reflect the following provisions as set forth in the Settlement and the Commission's Order:

- The increase of \$7,614,000 has been allocated across the board to all classes. This allocation results in the following revenue increases produced by the resulting rates for each customer class:

Customer Class	Revenue Increase	
	\$	%
Residential Service	\$3,200,761	7.0%
Small General Service	631,293	7.3%
General Service	3,546,023	6.7%
Municipal Lighting	96,566	6.8%
Municipal Pumping	104,344	6.1%
Outdoor Lighting Service	35,936	7.3%
<b>Total North Dakota Electric</b>	<b>\$7,614,923</b>	<b>6.9%</b>

- The base rates and demand charges have been set for each rate schedule as originally filed, with the energy charge calculated to recover the remaining authorized revenues by customer class. The Base Rate has been renamed Basic Service Charge and is stated as a daily charge for service under Rate Schedules 10, 13, 16, 20, 25, 26 and 40.
- A new tariff entitled Thermal Energy Storage Rate 13 presented at the technical hearing and introduced as Exhibit MDU-26 is included with energy charges adjusted to reflect the authorized revenue requirement.
- The Fuel and Purchased Power Adjustment clause (Rate 58) has been revised, as described below, to reflect the terms of the Settlement Agreement dated March 11, 2011:
  - The recovery of purchased power demand costs, 100 percent of North Dakota's portion of wholesale sales margins and proceeds from the sale of North Dakota's portion of renewable energy credits has been added to the provisions of Rate 58. With this change to Rate 58 the current Margin Sharing Adjustment Rate Schedule Rate 57 has been deleted.
  - As provided in the November 8, 2010 Settlement Agreement, the unrecovered balance of the Margin Sharing Adjustment amount remaining at the time final rates become effective will be recovered over a twelve month period through the Fuel and Purchased Power Adjustment clause.
  - The deferred generation cost recovery authorized in Case No. PU-09-731 will continue to be recovered through Rate 58.
  - Fuel and Purchased Power Adjustment amounts will be separately fixed for primary service customers (as defined on applicable rate schedules) and secondary service.
- The Fuel and Purchased Power Adjustment amount billed each month will be set forth as a separate line item on the bill and identified as the FPPA charge on the bill.
- Interruptible Power Service Rate 39 has been eliminated and the only customer served under this rate schedule will continue to be provided service under the terms of Rate 39 pursuant to an electric service agreement.
- Occasional Power Purchase Rate Schedules 95 and 96 were submitted in a separate docket on June 13, 2011 to reflect the annual update in avoided cost rates. Those schedules are not affected by the Commission's Order in this docket except

for the removal of the interim provision which was reflected in the June 13, 2011 submission.

- A new schedule entitled General Provisions Rate 100 is proposed to provide a single point of reference for customer service related conditions and charges currently stated separated on the following schedules. With this change the noted tariffs currently containing the provisions will be deleted.
  - Rule Governing Discontinuance of Service for Nonpayment of Bill -- Rate 101,
  - Residential Electric Service for Permanent Employees Rate -- Rate 102,
  - Consumer Deposits – Rate 106,
  - Notice to Discontinue Electric Service – Rate 107,
  - Reconnection Fee for Seasonal Customers – Rate 108,
  - Late Payment Charge/Returned Check Charge – Rate 109,
  - Method for Computing Initial or Final Bills for Electric Service for Less Than a Full Monthly Billing Period – Rate 113,
  - Rules for Application of Service – Rate 114,
  - Tax Clause – Rate 130, and
  - Rules and Policies for Implementing Master Metering Restriction – Rae 133.
  
- The returned check charge has been increased to \$15.00 as set forth in General Provisions Rate 100 ¶III.4. No other charges set forth in Rate 100 have changed from those presently effective.

Montana-Dakota requests that the following tariff sheets provided as Attachment A be approved effective with service rendered on and after July 15, 2011.

Title	Tariff Designation
Table of Contents	2 <sup>nd</sup> Revised Sheet Nos. 1-1.1
Residential Electric Service Rate 10	2 <sup>nd</sup> Revised Sheet No. 3
Optional Residential Thermal Energy Storage Rate 13	Original Sheet Nos. 4-4.1
Optional Time-Of-Day Residential Service Rate 16	4 <sup>th</sup> Revised Sheet No. 7 1 <sup>st</sup> Revised Sheet No. 7.1
Small General Electric Service Rate 20	2 <sup>nd</sup> Revised Sheet No. 10 1 <sup>st</sup> Revised Sheet No. 10.1
Irrigation Power Service Rate 25	2 <sup>nd</sup> Revised Sheet No. 14 1 <sup>st</sup> Revised Sheet No. 14.1

Optional Time-of-Day Small General Electric Service Rate 26	4 <sup>th</sup> Revised Sheet No. 15 1 <sup>st</sup> Revised Sheet No. 15.1
General Electric Service Rate 30	2 <sup>nd</sup> Revised Sheet No. 18 1 <sup>st</sup> Revised Sheet No. 18.1
Optional Time-of-Day General Electric Service Rate 31	4 <sup>th</sup> Revised Sheet Nos. 19-19.1 1 <sup>st</sup> Revised Sheet No. 19.2
General Electric Space Heating Service Rate 32	3 <sup>rd</sup> Revised Sheet No. 20-20.1
Firm Service Economic Development Rate 34	1 <sup>st</sup> Revised Sheet Nos. 22-22.2
Interruptible Large Power Demand Response Rate 38	2 <sup>nd</sup> Revised Sheet No. 23 1 <sup>st</sup> Revised Sheet Nos. 23.1-23.2
Reserved for Future Use	3 <sup>rd</sup> Revised Sheet Nos. 24-24.1 2 <sup>nd</sup> Revised Sheet No. 24.2
Small Municipal Electric Service Rate 40	2 <sup>nd</sup> Revised Sheet Nos. 25-25.1 1 <sup>st</sup> Revised Sheet No. 25.2
Municipal Lighting Service Rate 41	2 <sup>nd</sup> Revised Sheet No. 26 1 <sup>st</sup> Revised Sheet No. 26.1
Municipal Pumping Service Rate 48	2 <sup>nd</sup> Revised Sheet Nos. 32-32.1
Outdoor Lighting Service Rate 52	2 <sup>nd</sup> Revised Sheet No. 36 1 <sup>st</sup> Revised Sheet No. 36.1
Reserved for Future Use	2 <sup>nd</sup> Revised Sheet No. 41 1 <sup>st</sup> Revised Sheet Nos. 41.1-41.2
Fuel Clause Rate 58	3 <sup>rd</sup> Revised Sheet No. 42 2 <sup>nd</sup> Revised Sheet Nos. 42.1-42.2 Original Sheet No. 42.3
General Provisions Rate 100	Original Sheet Nos. 49-49.9
Reserved for Future Use	1 <sup>st</sup> Revised Sheet Nos. 50, 51, 53-56
Electric Service Rules and Regulations Rate 110	2 <sup>nd</sup> Revised Sheet No. 58.20
Reserved for Future Use	1 <sup>st</sup> Revised Sheet Nos. 61-62.1, 67, 70-70.1

The workpapers underlying the derivation of the proposed rates is provided as Attachment B and the workpapers supporting the Fuel and Purchased Power Adjustment Clause are provided as Attachment C.

Please contact me at 701.222.7856 if you have any questions regarding the compliance filing. An electronic copy of the workpapers has been provided to Advocacy Staff.

Please acknowledge receipt by stamping or initialing the duplicate copy of this letter attached hereto.

Sincerely,



Tamie A. Aberle  
Regulatory Affairs Manager

Cc: Certificate of Service

**CERTIFICATE OF SERVICE**

Montana-Dakota Utilities Co., a )  
Division of MDU Resources Group, ) **Case No. PU-10-124**  
Inc. Electric Rate Increase )  
Application )

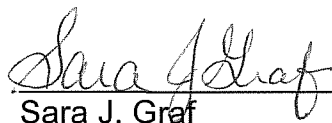
Sara J. Graf certifies that on the 14<sup>th</sup> day of June, 2011 she filed an original and seven copies of Montana-Dakota Utilities Co.'s Compliance Filing with the North Dakota Public Service Commission and served a true and correct copy of the same by placing such in the United States mail with postage prepaid, addressed to the following individuals:

Mr. Richard J. Savelkoul  
Felhaber, Larson, Fenlon & Vogt  
444 Cedar Street  
St. Paul, MN 55101-2136

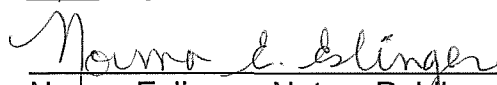
Illona Jeffcoat-Sacco  
ND Public Service Commission  
Bismarck, ND 58501

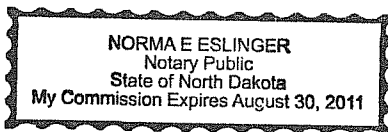
Scott Skokos  
103½ Third St. Suite 8  
Bismarck, ND 58504

Jim Roache  
707 1<sup>st</sup> St. SW  
Crosby, ND 58730

  
Sara J. Graf

Subscribed and sworn to before me this 14<sup>th</sup> day of June, 2011.

  
Norma Eslinger, Notary Public  
Burleigh County, North Dakota  
My Commission Expires: 08/30/2011



# Attachment A



# 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  
2<sup>nd</sup> Revised Sheet No. 1  
Canceling 1<sup>st</sup> Revised Sheet No. 1

### TABLE OF CONTENTS

Page 1 of 2

<u>Designation</u>	<u>Title</u>	<u>Sheet No.</u>
	Table of Contents	1-1.1
	Communities Served	2-2.1
10	Residential Electric Service	3
13	Optional Residential Electric Thermal Energy Storage Service	4-4.1
	Reserved	5-6
16	Optional Time-of-Day Residential Electric Service	7-7.1
	Reserved	8-9
20	Small General Electric Service	10-10.1
	Reserved	11-13
25	Irrigation Power Service	14-14.1
26	Optional Time-of-Day Small General Electric Service	15-15.1
	Reserved	16-17
30	General Electric Service	18-18.2
31	Optional Time-of-Day General Electric Service	19-19.2
32	General Electric Space Heating Service	20-20.2
	Reserved	21
34	Firm Service Economic Development	22-22.2
38	Interruptible Large Power Demand Response	23-23.3
	Reserved	24
40	Small Municipal Electric Service	25-25.2
41	Municipal Lighting Service	26-26.1
	Reserved	27-31
48	Municipal Pumping Service	32-32.1
	Reserved	33-35
52	Outdoor Lighting Service	36-36.2
	Reserved	37
	Reserved	41

**Date Filed:** June 14, 2011

**Effective Date:**

**Issued By:** Tamie A. Aberle  
Regulatory Affairs Manager

**Case No.:** PU-10-124





# 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  
2<sup>nd</sup> Revised Sheet No. 1.1  
Canceling 1<sup>st</sup> Revised Sheet No. 1.1

### TABLE OF CONTENTS

Page 2 of 2

<u>Designation</u>	<u>Title</u>	<u>Sheet No.</u>
58	Fuel and Purchased Power Adjustment	42-42.3
	Reserved	43
95	Occasional Power Purchase Non-Time Differentiated	44-44.2
96	Parallel Generation Peaking Facility Purchase	
	Time Differentiated	45-45.3
	Reserved	46-47
100	General Provisions	49-49.9
	Reserved	50-57
110	Electric Service Rules and Regulations	58-58.35
	Reserved	59
112	Electric Extension Policy	60-60.2
	Reserved	61-67
131	Selective Testing Plan for Watthour Meters	68-68.2
	Reserved	69-73
140	Small Qualifying Facilities (SQF) General Rules	74-74.2

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Regulatory Affairs Manager

**Case No.:** PU-10-124



# 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  
2<sup>nd</sup> Revised Sheet No. 3  
Canceling 1<sup>st</sup> Revised Sheet No. 3

### RESIDENTIAL ELECTRIC SERVICE Rate 10

Page 1 of 1

#### Availability:

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

#### Rate:

Basic Service Charge:	\$0.35 per day
Energy Charge:	
October – May:	
First 750 Kwh per month	5.304¢ per Kwh
Over 750 Kwh per month	2.304¢ per Kwh
June – September:	5.304¢ per Kwh
Base Fuel and Purchased Power:	2.087¢ per Kwh

#### 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.

#### Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

#### 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.

Date Filed: June 14, 2011

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.: PU-10-124



# 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  
Original 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: \$0.45 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: 0.804¢ per Kwh

#### On-Peak Energy Charge:

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

October – May:

First 750 Kwh per month 5.304¢ per Kwh

Over 750 Kwh per month 2.304¢ per Kwh

June – September: 5.304¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

#### 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

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NDPSC Volume 4  
Original Sheet No. 4.1

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

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Page 2 of 2

#### **Fuel and Purchased Power Adjustment:**

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

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

1. Thermal storage space heating facilities can include the thermal storage device(s), air-source heat pumps, and associated air handling units.
2. Unless approved by the Company the maximum thermal storage facilities that may be connected under this rate schedule is 50 Kw.
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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Regulatory Affairs Manager

**Case No.:** PU-10-124



# 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. 7  
Canceling 3<sup>rd</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: \$0.45 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 7.398¢ per Kwh

June – September 10.398¢ per Kwh

#### Off-Peak Energy:

For all energy not covered by the On-Peak rating period. 2.304¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

#### 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.

#### Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to the adjustment as provided in Rate 58, or any amendments or alterations thereto.

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Case No.: PU-10-124



# 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  
1<sup>st</sup> Revised Sheet No. 7.1  
Canceling Original Sheet No. 7.1

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

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Page 2 of 2

#### **Contract Terms:**

Customer agrees to contract for service under the Optional Time-of-Day Residential 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 Residential Electric Service rate or returning to the regular Residential Electric Service rate.

#### **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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Regulatory Affairs Manager

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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  
2<sup>nd</sup> Revised Sheet No. 10  
Canceling 1<sup>st</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:	\$0.70 per day
Energy Charge:	
October – May:	
First 750 Kwh per month	6.147¢ per Kwh
Over 750 Kwh per month	2.304¢ per Kwh
June – September:	6.147¢ per Kwh
Base Fuel and Purchased Power:	2.087¢ per Kwh

#### 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.

#### Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

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Effective Date:

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Regulatory Affairs Manager

Case No.: PU-10-124



# 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  
1<sup>st</sup> Revised Sheet No. 10.1  
Canceling Original Sheet No. 10.1

### SMALL GENERAL ELECTRIC SERVICE Rate 20

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Page 2 of 2

#### 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. Customer may take service under this rate provided customer's monthly Kwh will not exceed 4,000 Kwh per month for four consecutive months or connected load will not exceed 20 Kw.
3. Non-metered services. At the Company's discretion, the installation of a meter on a customer's service may not be warranted. In the absence of measuring a customer's use, customers will be billed a predetermined energy use amount each month based on the operating characteristics of the equipment being served, such as Wi-Fi equipment served on Company-owned poles.
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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Regulatory Affairs Manager

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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  
2<sup>nd</sup> Revised Sheet No. 14  
Canceling 1<sup>st</sup> Revised Sheet No. 14

### IRRIGATION POWER SERVICE Rate 25

Page 1 of 2

**Availability:**

For irrigation power service.

**Rate:**

Basic Service Charge:	\$0.65 per day
Demand Charge:	
October – May	\$1.25 per Kw
June – September	\$2.75 per Kw
Energy Charge:	1.209¢ per Kwh
Base Fuel and Purchased Power:	2.087¢ per Kwh

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

Date Filed: June 14, 2011

Effective Date:

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Case No.: PU-10-124



# 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  
1<sup>st</sup> Revised Sheet No. 14.1  
Canceling Original Sheet No. 14.1

### IRRIGATION POWER SERVICE Rate 25

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Page 2 of 2

#### **Fuel and Purchased Power Adjustment:**

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

#### **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  
4<sup>th</sup> Revised Sheet No. 15  
Canceling 3<sup>rd</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: \$0.80 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 7.385¢ per Kwh  
June – September 11.385¢ per Kwh

#### Off-Peak Energy:

For all energy not covered by the On-Peak rating period. 2.304¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

#### 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.

#### Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

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Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

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NDPSC Volume 4  
1<sup>st</sup> Revised Sheet No. 15.1  
Canceling Original Sheet No. 15.1

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

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Page 2 of 2

#### Contract Terms:

Customer agrees to contract for service under the Optional Time-of-Day Small 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 Small General Electric Service rate or returning to the regular Small 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. Customer may take service under this rate provided customer's monthly Kwh will not exceed 4,000 Kwh per month for four consecutive months or connected load will not exceed 20 Kw.
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  
2<sup>nd</sup> Revised Sheet No. 18  
Canceling 1<sup>st</sup> Revised Sheet No. 18

### GENERAL ELECTRIC SERVICE Rate 30

Page 1 of 2

#### 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: \$95.00 per month

##### Demand Charge:

October – May \$6.25 per Kw

June – September \$9.25 per Kw

Energy Charge: 2.296¢ per Kwh

Base Fuel and Purchased Power: 2.024¢ per Kwh

##### Secondary Service:

Basic Service Charge: \$45.00 per month

##### Demand Charge:

October – May \$ 8.25 per Kw

June – September \$11.25 per Kw

Energy Charge: 2.376¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

#### 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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Regulatory Affairs Manager

Case No.: PU-10-124



# 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  
1<sup>st</sup> Revised Sheet No. 18.1  
Canceling Original Sheet No. 18.1

### GENERAL ELECTRIC SERVICE Rate 30

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Page 2 of 2

#### **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.

#### **Fuel and Purchased Power Adjustment:**

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

#### **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.

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. 19  
Canceling 3<sup>rd</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 \$ 7.50 per Kw

June - September \$10.50 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.

October - May 2.793¢ per Kwh

June - September 3.793¢ per Kwh

##### Off-Peak Energy:

For all energy not covered by the On-Peak rating period. 0.793¢ per Kwh

Base Fuel and Purchased Power: 2.024¢ per Kwh

##### Secondary Service:

Basic Service Charge: \$47.00 per month

##### On-Peak Demand:

October - May \$ 9.50 per Kw

June - September \$13.50 per Kw

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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. 19.1  
Canceling 3<sup>rd</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.

October – May            2.793¢ per Kwh  
June – September       3.793¢ per Kwh

#### Off-Peak Energy:

For all energy not covered by  
the On-Peak rating period.    0.793¢ per Kwh

Base Fuel and Purchased Power:    2.087¢ per Kwh

#### 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.

#### Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

#### 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. 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

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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

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NDPSC Volume 4  
1<sup>st</sup> Revised Sheet No. 19.2  
Canceling Original Sheet No. 19.2

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

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Page 3 of 3

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.

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

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
3<sup>rd</sup> Revised Sheet No. 20  
Canceling 2<sup>nd</sup> Revised Sheet No. 20

### GENERAL ELECTRIC SPACE HEATING SERVICE Rate 32

Page 1 of 2

#### 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: \$15.00 per month

#### Primary Service:

Demand Charge:  
June – September \$9.25 per Kw

Energy Charge: 2.796¢ per Kwh

Base Fuel and Purchased Power: 2.024¢ per Kwh

#### Secondary Service:

Demand Charge:  
June – September \$11.25 per Kw

Energy Charge: 2.876¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

#### 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  
3<sup>rd</sup> Revised Sheet No. 20.1  
Canceling 2<sup>nd</sup> Revised Sheet No. 20.1

### GENERAL ELECTRIC SPACE HEATING SERVICE Rate 32

Page 2 of 2

#### 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.

#### Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

#### 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.

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> Revised Sheet No. 22  
Canceling Original 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:	\$95.00 per month
Demand Charge:	To Be Negotiated
Energy Charge:	Otherwise applicable energy charge for General Service Rate 30.

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

#### Minimum Bill:

Basic Service Charge plus Demand Charge.

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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

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NDPSC Volume 4  
1<sup>st</sup> Revised Sheet No. 22.1  
Canceling Original Sheet No. 22.1

### **FIRM SERVICE ECONOMIC DEVELOPMENT Rate 34**

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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.

#### **Fuel and Purchased Power Adjustment:**

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

#### **Right to Discontinue Service:**

The Company reserves the right to refuse applicants who have not previously signed a contract for service under this rate if it determines either system capacity or system energy supply is projected to be insufficient, or if service reliability is expected to be at jeopardy.

#### **Determination of Billing Demand:**

The demand in kilowatts for billing purposes shall be the greater of the maximum 15 minute measured demand in the current month or 200 Kw. 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.

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

1. The customer and the Company shall execute a contract for service to be effective under this rate for a period of five years from the date of service commencement.

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

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
1<sup>st</sup> Revised Sheet No. 22.2  
Canceling Original Sheet No. 22.2

### FIRM SERVICE ECONOMIC DEVELOPMENT Rate 34

Page 3 of 3

- The negotiated demand charge shall be increased according to the differential between the negotiated rate and the ceiling as portrayed by the following schedule.

<u>Years</u>	<u>Differential Percent Decrease</u>
1-3	0%
4	25%
5	50%

At the end of the fifth year, the negotiated agreement hereunder expires.

- Upon expiration of the contract, the customer shall be served under the otherwise applicable rate schedule.
- 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.
- 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  
2<sup>nd</sup> Revised Sheet No. 23  
Canceling 1<sup>st</sup> Revised Sheet No. 23

### INTERRUPTIBLE LARGE POWER DEMAND RESPONSE Rate 38

Page 1 of 3

#### 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	\$3.25 per Kw
June – September	\$6.25 per Kw
Energy Charge:	2.126¢ per Kwh
Base Fuel and Purchased Power:	2.024¢ per Kwh

#### 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.

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

## State of North Dakota Electric Rate Schedule

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NDPSC Volume 4

1<sup>st</sup> Revised Sheet No. 23.1

Canceling Original Sheet No. 23.1

### INTERRUPTIBLE LARGE POWER DEMAND RESPONSE

#### Rate 38

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Page 2 of 3

#### Determination of Billing Demand:

The demand in kilowatts for billing purposes shall be the greater of the maximum 15 minute measured demand in the current month or 500 Kw. 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.

#### Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

#### General Terms and Conditions:

1. The customer shall execute an electric service agreement with the Company which will include, among other provisions, a minimum term of service and monthly Basic Service Charge payments to the Company. The monthly Basic Service Charge payments are determined on a customer by customer basis and shall include, but are not limited to, any additional costs incurred by Company for facilities, such as substations, electric lines, meters, switching devices, and circuit breakers that are necessary to provide service under this rate.
2. All equipment associated with the interruptible load must be of such voltage and electrical characteristics that it can be separately metered and served from the circuit provided for the interruptible portion of the customer's load. If the equipment to be served is such that this is impossible, the customer must either make special arrangements with the Company or furnish the necessary

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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> Revised Sheet No. 23.2  
Canceling Original Sheet No. 23.2

### INTERRUPTIBLE LARGE POWER DEMAND RESPONSE Rate 38

Page 3 of 3

equipment suitable for connection and metering to the circuit for the interruptible portion of the load.

3. The customer must provide a load-break switch or circuit breaker equipped with electrical trip and close circuits allowing for remote operation of the customer's switch or circuit breaker by the Company. Customer must wire the trip and close circuits into a connection point designated by the Company to allow installation of control equipment by the Company. Customer must provide a continuous 120 volt AC power source at the connection point for operation of the Company's control system.
4. The Company may request the customer to interrupt at any time for up to 100 hours during an annual period starting with the in-service date of the contract between the Company and the customer and annually thereafter. Company shall reimburse customer for customer's fuel when interrupted at a mutually acceptable level and price.
5. Customer will be required to interrupt service within 10 minutes of the Company's signal to interrupt service.
6. The penalty for non-performance when the Company requests the customer to interrupt will be the greater of \$10.00 per Kw applicable to the Kw demand specified in the electric service agreement with the Company or the appropriate allocation of any penalties imposed on the Company by the Midwest Reliability Organization for the period of non-performance. After a second failure to perform, within a 12-month period, the customer shall be liable for the penalty and may be moved to the otherwise applicable rate.
7. The Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.
8. 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

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Canceling 2<sup>nd</sup> Revised Sheet No. 24

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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

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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

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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  
2<sup>nd</sup> Revised Sheet No. 25  
Canceling 1<sup>st</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: \$0.65 per day

##### Energy Charge:

###### October – May:

First 750 Kwh per month 3.868¢ per Kwh

Over 750 Kwh per month 2.802¢ per Kwh

June – September: 3.868¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

##### Demand:

Basic Service Charge: \$0.75 per day

##### Demand Charge:

###### October – May:

10 Kw or less No Charge

Over 10 Kw \$6.25 per Kw

June – September: \$8.25 per Kw

Energy Charge: 1.302¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

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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  
2<sup>nd</sup> Revised Sheet No. 25.1  
Canceling 1<sup>st</sup> Revised Sheet No. 25.1

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

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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.

#### Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

#### 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. Customer may take service under the non-demand rate provided customer's monthly Kwh will not exceed 4,000 Kwh per month for four consecutive months or connected load will not exceed 20 Kw.

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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  
1<sup>st</sup> Revised Sheet No. 25.2  
Canceling Original Sheet No. 25.2

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

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Page 3 of 3

3. Customers not qualifying for the non-demand rate shall be served under the demand rate.
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  
2<sup>nd</sup> Revised Sheet No. 26  
Canceling 1<sup>st</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: 5.008¢ per Kwh

Base Fuel and Purchased Power: 2.024¢ per Kwh

Secondary Service:

Energy Charge: 5.508¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

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.

#### Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

#### 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

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## State of North Dakota Electric Rate Schedule

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NDPSC Volume 4  
1<sup>st</sup> Revised Sheet No. 26.1  
Canceling Original Sheet No. 26.1

### MUNICIPAL LIGHTING SERVICE Rate 41

---

Page 2 of 2

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

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
2<sup>nd</sup> Revised Sheet No. 32  
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### MUNICIPAL PUMPING SERVICE Rate 48

Page 1 of 2

#### 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: \$12.00 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: \$3.00 per Kw

June – September: \$5.50 per Kw

Energy Charge: 2.061¢ per Kwh

Base Fuel and Purchased Power: 2.024¢ per Kwh

##### Secondary Service:

Basic Service Charge: \$10.00 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: \$5.00 per Kw

June – September: \$7.00 per Kw

Energy Charge: 2.166¢ per Kwh

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## State of North Dakota Electric Rate Schedule

---

NDPSC Volume 4  
2<sup>nd</sup> Revised Sheet No. 32.1  
Canceling 1<sup>st</sup> Revised Sheet No. 32.1

### MUNICIPAL PUMPING SERVICE Rate 48

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Page 2 of 2

Base Fuel and Purchased Power: 2.087¢ per Kwh

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.

#### Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

#### 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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## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
2<sup>nd</sup> Revised Sheet No. 36  
Canceling 1<sup>st</sup> Revised Sheet No. 36

### OUTDOOR LIGHTING SERVICE Rate 52

Page 1 of 2

#### 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: 6.288¢ per Kwh

Base Fuel and Purchased Power: 2.024¢ per Kwh

Secondary Service:  
Energy Charge: 6.694¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

Discount: For contracts of ten years or more 10%

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.

#### Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

#### 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  
1<sup>st</sup> Revised Sheet No. 36.1  
Canceling Original Sheet No. 36.1

### OUTDOOR LIGHTING SERVICE Rate 52

Page 2 of 2

- 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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Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

---

NDPSC Volume 4  
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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  
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Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

---

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

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
3<sup>rd</sup> Revised Sheet No. 42  
Canceling 2<sup>nd</sup> Revised Sheet No. 42

### FUEL AND PURCHASED POWER ADJUSTMENT Rate 58

Page 1 of 4

#### 1. Applicability:

This rate schedule sets forth the procedure to be used in calculating the Fuel and Purchased Power Adjustment (FPPA). It specifies the procedure to be utilized to adjust the rates for electricity sold under Montana-Dakota's rate schedules in order to reflect: (a) changes in Montana-Dakota's average cost of fuel and purchased power, including electric wholesale sales margin credits as allocated to North Dakota; and (b) amortization of the Deferred Fuel Cost Account.

#### 2. Effective Date and Limitation on Adjustments:

- a. Unless otherwise ordered by the Commission, the effective dates of the Fuel and Purchased Power Adjustment shall be service rendered on and after the first day of each month. The effective date of the adjustment for amortization of the Deferred Fuel Cost Account shall be April 1 of each year.
- b. Montana-Dakota shall file an adjustment to reflect changes in its average cost of electric supply only when the amount of change in such adjustment is at least .001 cents per Kwh. The adjustment to be effective April 1 shall be filed each year, regardless of the amount of the change.

#### 3. Fuel and Purchased Power Adjustment:

- a. The monthly Fuel and Purchased Power Adjustment shall be calculated separately for primary service and secondary service customers and shall reflect the changes in Montana-Dakota's cost of fuel and purchased power as compared to the cost of fuel and purchased power approved in its base rates plus the annual Surcharge Adjustment. The base fuel and purchased power cost shall be 2.024¢ per Kwh for primary service and 2.087¢ per Kwh for secondary service as established in the most recent general rate case.
- b. The cost of fuel and purchased power shall be calculated separately for primary service customers and secondary service customers, and shall be the sum of the following costs for the most recent four month period, as allocated to North Dakota and to the primary and secondary customer classes:
  1. The cost of fossil and other fuels recorded in Account Nos. 501 and 547.

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Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

---

NDPSC Volume 4

2<sup>nd</sup> Revised Sheet No. 42.1

Canceling 1<sup>st</sup> Revised Sheet No. 42.1

### FUEL AND PURCHASED POWER ADJUSTMENT Rate 58

---

Page 2 of 4

2. The net cost of purchases and costs linked to the utility's load serving obligation associated with participation in wholesale electric energy and capacity markets and capacity purchases as recorded in Account No. 555.
  3. Regional Market Administration expenses recorded in Account No. 575.
  4. Less the cost of fuel and purchased power recovered from electric wholesale sales.
  5. Less 100 percent of the wholesale sales margin.
  6. Less the revenue from the sales of Renewable Energy Credits (RECs).
- c. The cost per Kwh for the month is the sum of 3(b) above divided by retail sales volumes for the most recent four month period for the primary and secondary service classes.
- 4. Surcharge Adjustment:**  
All sales rate schedules shall be subject to a Surcharge Adjustment to be effective on April 1 each year. The Surcharge Adjustment per Kwh sold shall reflect the amortization of the applicable balance in the Deferred Fuel Cost Account calculated by dividing the applicable balance by the estimated Kwh sales for the twelve months following the effective date of the adjustment.
- a. The balance in the Deferred Fuel Cost Account (Account 182.3) includes:
    1. The current month over or under recovery, determined as follows:
      - i. Montana-Dakota shall determine each month the unit cost for that month's fuel and purchased power.
      - ii. Montana-Dakota shall subtract from the month's unit cost the unit cost reflected in rates for that month.
      - iii. The resulting difference (positive or negative) shall be multiplied by the Kwh's sold that month under each rate schedule.

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

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

2<sup>nd</sup> Revised Sheet No. 42.2

Canceling 1<sup>st</sup> Revised Sheet No. 42.2

### FUEL AND PURCHASED POWER ADJUSTMENT Rate 58

Page 3 of 4

2. Refunds from supplier(s) and market operators with respect to fuel and purchased power costs.
3. Carrying charges or credits at a rate equal to the three-month Treasury Bill rate as published monthly by the Federal Reserve Board.
4. The balance in the Deferred Fuel Cost Account shall be decreased each month by the amount of the Surcharge Adjustment multiplied by the Kwh sales for the month. The amount amortized shall be applied pro rata between the Deferred Fuel Cost Account and the interest balance.
5. **Other Adjustments:**

The amortization of the Margin Sharing Adjustment balance and the Deferred Generation costs shall be included in the Fuel and Purchased Power Adjustment on a per Kwh basis.

  1. The balance in the Margin Sharing Adjustment as of the time final rates in Case No. PU-10-124 become effective shall be divided by projected annual sales volumes to determine the adjustment per Kwh. This adjustment will cease twelve months after final rates are effective and any remaining balance, whether positive or negative, shall be added (deducted) to the deferred account.
  2. The amortization of the Deferred Generation costs pursuant to Case No. PU-09-731 shall reflect the amount approved by the Commission.
6. **Manner of Filing:**

The Company shall file a monthly statement showing the calculation of the Fuel and Purchased Power Adjustment with the Commission prior to implementing the monthly adjustment. The adjustment in rates shall be effective with service rendered on and after the first day of each month, unless the Commission shall otherwise order.

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Case No.: PU-10-124



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Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

---

NDPSC Volume 4  
Original Sheet No. 42.3

### FUEL AND PURCHASED POWER ADJUSTMENT Rate 58

---

Page 4 of 4

#### 7. Fuel and Purchased Power Adjustment:

	Primary	Secondary
Base Fuel	2.024¢	2.087¢
Fuel and Purchased Power Adjustment	(0.205)	(0.248)
Subtotal	1.819¢	1.839¢
Margin Sharing Adjustment	0.200	0.200
Deferred Generation	0.201	0.201
Total FPPA	2.220¢	2.240¢

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

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
Original Sheet No. 49

### TABLE OF CONTENTS GENERAL PROVISIONS Rate 100

Page 1 of 10

<u>Title</u>	<u>Page No.</u>
I. Purpose	2
II. Definitions	2
III. General Terms and Conditions	3
1. Rules for Application of Electric Service	3-4
2. Consumer Deposits	4-5
3. Late Payment Charge	5
4. Returned Check Charge	5
5. Tax Clause	5-6
6. Utility Services Performed After Normal Business Hours	6
7. Reconnection Fee for Seasonal Customers	6
8. Discontinuance of Service for Nonpayment of Bill	6-7
9. Discontinuance of Service for Causes Other Than Nonpayment of Bills	7-8
10. Bill Discount for Qualifying Employees	8
11. Method of Computing Initial or Final Bills for Electric Service for Less Than a Full Monthly Billing Period	8
12. Selective Testing Plan for Meters	8
13. Billing Adjustments	8-9
14. Rules and Policies for Implementing Master Metering Restrictions	9-10
15. Modification of Rates, Rules and Regulations	10

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**Case No.:** PU-10-124



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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  
Original Sheet No. 49.1

### GENERAL PROVISIONS Rate 100

Page 2 of 10

#### I. PURPOSE:

These rules are intended to define good practice which can normally be expected, but are not intended to exclude other accepted standards and practices not covered herein. They are intended to ensure adequate service to the public and protect the Company from unreasonable demands.

The Company undertakes to furnish service subject to the rules and regulations of the Public Service Commission of North Dakota (Commission) and as supplemented by these general provisions, as now in effect or as may hereafter be lawfully established, and in accepting service from the Company, each customer agrees to comply with and be bound by said rules and regulations and the applicable rate schedules. Also refer to Electric Service Rules & Regulations Rate 110.

#### II. DEFINITIONS:

The following terms used in this tariff shall have the following meanings, unless otherwise indicated:

APPLICANT – A customer requesting Company to provide service.

COMMISSION – Public Service Commission of the State of North Dakota.

COMPANY – Montana-Dakota Utilities Co.

CUSTOMER – Any individual, partnership, corporation, firm or other organization, or government agency supplied with service by Company at one location and at one point of delivery unless otherwise expressly in these rules or in a rate schedule.

RATE – Shall mean and include every compensation, charge, fare, toll, rental, and classification, or any of them, demanded, observed, charged or collected by the Company for any service, product, or commodity, offered by the Company to the public, and any rules, regulations, practices or contracts affecting any such compensation, charge, fare, toll, rental or classification.

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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  
Original Sheet No. 49.2

### GENERAL PROVISIONS Rate 100

Page 3 of 10

#### III. GENERAL TERMS AND CONDITIONS:

##### 1. RULES FOR APPLICATION OF ELECTRIC SERVICE:

i. Residential Electric Service is available to any residential customer for domestic purposes only. All normal sized equipment used for domestic lighting, heating, cooking and power, and used strictly for household purposes, may be supplied through one meter.

a. Residential service is defined as service for domestic general household purposes in space occupied as living quarters, designed for occupancy by one family. Typical service would include the following: separately metered units, such as single private residences, single apartments, mobile homes and sorority and fraternity houses (this is not an all-inclusive list). In addition, auxiliary buildings on the same premise as the living quarters, used for residential purposes, may be served on the residential rate. Where premise is defined as a contiguous parcel of land undivided by a dedicated street, alley, highway, or other public thoroughfare or railway.

b. Motors and other equipment which interfere with service to neighboring customers, all motors larger than 5 horsepower and temporary or seasonal loads totaling more than 25 kilowatts (Kw) will not be permitted on the Residential Electric Service Rate without prior Company approval.

c. Only single phase service is available under the Residential Electric Service Rate.

ii. Three phase service shall be served under the appropriate General Electric Service Rate.

iii. General Electric Service is defined as service provided to non-residential services, such as a business enterprise in space

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**Case No.:** PU-10-124



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

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
Original Sheet No. 49.3

### GENERAL PROVISIONS Rate 100

Page 4 of 10

occupied and operated for nonresidential purposes. Typical service would include stores, offices, shops, restaurants, boarding houses, hotels, service garages, wholesale houses, filling stations, barber shops, beauty parlors, apartment houses with master metering exemptions, common areas of shopping malls or apartments (such as halls or basements), churches, elevators, schools and facilities located away from the home site (this is not an all-inclusive list).

- iv. If separate metering is not practical for a single unit (one premise) that is using electricity for both domestic purposes and for conducting business (or for nonresidential purposes), the customer will be billed under the predominate use policy. Under this policy, the customer's combined service is billed under the rate (Residential or General Electric Service) applicable to the type of service which constitutes 50% or more of the total connected load.
- v. Other classes of service furnished by the Company shall be defined in applicable rate schedules or in rules and regulations pertaining thereto. Service to customers for which no specific rate schedule is applicable shall be billed on the appropriate General Electric Service Rate.

#### 2. CONSUMER DEPOSITS:

The Company will determine whether or not a deposit shall be required of an applicant for electric service in accordance with Commission rules.

- i. The amount of such deposit shall not exceed an estimated 60 day service bill.
- ii. The Company may accept in lieu of a cash deposit a contract signed by a guarantor, satisfactory to the Company, whereby the payment of a specified sum not to exceed the required cash deposit is guaranteed. The term of such contract shall be indeterminate, but it shall automatically terminate when the customer gives notice of service discontinuance to the Company or a change in location covered by the guarantee agreement or 30

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**Case No.:** PU-10-124





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

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
Original Sheet No. 49.4

### GENERAL PROVISIONS Rate 100

Page 5 of 10

days after written request for termination is made to the utility by the guarantor. However, no agreement shall be terminated without the customer having made satisfactory settlement for any balance which the customer owes the Company. Upon termination of a guarantee contract, a new contract or a cash deposit may be required by the Company.

- iii. A deposit shall earn interest at the rate paid by the Bank of North Dakota on a six-month certificate of deposit as of the first business day of each year. Interest shall be credited to the customer's account annually during the month of December.
- iv. Deposits shall be refunded to customers at termination provided all billings for service have been paid. Deposits will be refunded to all active customers, after the deposit has been held for 12 months, provided a prompt payment record has been established.

3. **LATE PAYMENT CHARGE:**

Bills will be considered past due if not paid by the due date shown on the bill. An amount equal to 1% per month will be applied to any unpaid balance existing at the immediate subsequent billing date.

4. **RETURNED CHECK CHARGE:**

A charge of \$15.00 will be collected by the Company for each check charged back to the Company by a bank.

5. **TAX CLAUSE:**

In addition to the charges provided for in the electric tariffs of the Company, there shall be charged pro rata amounts which, on an annual basis, shall be sufficient to yield to the Company the full amount of any sales, use or excise taxes, whether they be denominated as license taxes, occupation taxes, business taxes, privilege taxes, or otherwise, levied against or imposed upon the Company by any municipality, political subdivision, or other entity, for the privilege of conducting its utility operations therein.

The charges to be added to the customer's service bills under this clause

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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  
Original Sheet No. 49.5

### GENERAL PROVISIONS Rate 100

Page 6 of 10

shall be limited to the customers within the corporate limits of the municipality, political subdivision or other entity imposing the tax.

#### 6. UTILITY SERVICES PERFORMED AFTER NORMAL BUSINESS HOURS:

For service requested by customers after the Company's normal business hours and on Saturday, Sunday, or legal holidays, a charge will be made for labor at standard overtime service rates and materials at retail prices.

Customers requesting service after the Company's normal business hours will be informed of the after hour service rate and encouraged to have the service performed during normal business hours.

#### 7. RECONNECTION FEE FOR SEASONAL CUSTOMERS:

A fee of \$20.00 will be collected for reconnecting electric service to any customer who has disconnected electric service at the same location during the preceding twelve-month period.

#### 8. DISCONTINUANCE OF SERVICE FOR NONPAYMENT OF BILL:

i. Pursuant to North Dakota Administrative Rules 69-09-02-05.1(1), the Company may disconnect service if the customer is delinquent in payment for service, and fails to pay for service or enter into a satisfactory installment agreement with the Company for payment within ten (10) days of the Company giving the customer written notice of the Company's intention to discontinue service on account of payment delinquency.

ii. All bills for service are due when rendered and will be considered delinquent if not paid by the due date shown on the bill. If any customer shall become delinquent in the payment of service bills, such service may be discontinued by the Company under the applicable rules of the Commission.

iii. If a customer's credit standing becomes unsatisfactory after a deposit has been refunded or if the deposit is inadequate to cover the estimated charge for furnishing service for a 60-day period, a

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**Case No.:** PU-10-124



# 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  
Original Sheet No. 49.6

### GENERAL PROVISIONS Rate 100

---

Page 7 of 10

new or additional deposit may be required upon reasonable written notice by the Company.

- iv. Pursuant to North Dakota Administrative Rules 69-09-02-05.1(10), the Company may not discontinue service to the Customer for nonpayment of a deposit.
- v. The Company may collect a fee of \$20.00 before restoring electric service which has been discontinued for nonpayment of service bills, or where a Service Extender has been installed in lieu of full disconnection.

#### 9. DISCONTINUANCE OF SERVICE FOR CAUSES OTHER THAN NONPAYMENT OF BILLS:

The Company reserves the right to discontinue service for any of the following reasons:

- i. In the event of customer use of equipment in such a manner as to adversely affect the Company's equipment or service to others.
- ii. In the event of tampering with the equipment furnished and owned by the Company.
- iii. For violation of or noncompliance with the Company's rules on file with the Commission.
- iv. For failure of the customer to fulfill the contractual obligations imposed as conditions of obtaining service.
- v. For refusal of reasonable access to property to the agent or employee of the Company for the purpose of inspecting the facilities or for testing, reading, maintaining or removing meters.

The right to discontinue service for any of the above reasons may be exercised whenever and as often as such reasons may occur, and any delay on the part of the Company in exercising such rights, or omission of any action permissible hereunder, shall not be deemed a waiver of its rights to exercise same.

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

## State of North Dakota Electric Rate Schedule

---

NDPSC Volume 4  
Original Sheet No. 49.7

### GENERAL PROVISIONS Rate 100

---

Page 8 of 10

Nothing in these regulations shall be construed to prevent discontinuing service without advance notice for reasons of safety, health, cooperation with civil authorities, or fraudulent use, tampering with or destroying Company facilities.

The Company may collect a reconnect fee of \$20.00 before restoring electric service, which has been disconnected for the above causes.

10. BILL DISCOUNT FOR QUALIFYING EMPLOYEES:

A bill discount may be available for residential use only in a single family unit served by Montana-Dakota Utilities Co. to qualifying employees and retirees of MDU Resources and its subsidiaries. The bill shall be computed at the applicable rate, and the amount reduced by 33 1/3%.

11. METHOD OF COMPUTING INITIAL OR FINAL BILLS FOR ELECTRIC SERVICE FOR LESS THAN A FULL MONTHLY BILLING PERIOD:

Customer's meters are read as nearly as practicable at thirty day intervals. When service is begun or terminated at any location between regular meter reading dates, bills will be prorated on a daily basis, whenever the billing period is less than 27 calendar days or more than 35 calendar days. The minimum monthly bill, basic service charge, kilowatt hour blocks and demand charge provisions in all rate schedules will be prorated.

12. SELECTIVE TESTING PLAN FOR METERS:

The electric meter population shall be tested in accordance with the Electric Meter Testing Program approved by the Commission.

13. BILLING ADJUSTMENTS:

If a meter or billing error results from 1) an inaccurate meter; 2) an incorrect reading of the meter; 3) an incorrect application of a rate schedule; 4) an incorrect connection of the meter; 5) an application of an incorrect multiplier or constant; or 6) other similar errors affecting customer bills.

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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  
Original Sheet No. 49.8

### GENERAL PROVISIONS Rate 100

Page 9 of 10

- i. If a Customer is underbilled, the Company may recalculate the bills and reissue corrected bills for service during the period of the error, up to a maximum period of six years from the date of the bill, with the exception of a meter equipment failure.
- ii. If a Customer is overbilled, the Company shall recalculate bills for errors resulting in overcharges up to a maximum of six years from the date of payment, with the exception of a meter equipment failure. In the case of a meter equipment failure, the Company may charge the Customer for a period equal to one-half the time elapsed since the last previous meter test, but not to exceed six months.

#### 14. RULES AND POLICIES FOR IMPLEMENTING MASTER METERING RESTRICTIONS:

- i. Any new commercial or residential building for which the physical labor involved in the erection of such building starts on or after November 1, 1980, if the said building contains more than one unit or contains facilities for multiple uses and the occupant of each unit or facility controls a portion of the electric energy used in the unit or facility.
- ii. Any substantially remodeled commercial or residential building for which the physical labor involved with the remodeling of the said building starts on or after November 1, 1980, if the said building contains more than one unit or contains facilities for multiple uses and the occupant of each unit or facility controls a portion of the electric energy used in the unit or facility.
- iii. This rule does not apply to hotels, motels, dormitories, nursing homes, homes for the elderly, facilities of a similar nature, or to low-income rental housing for which the cost of electricity is included in the rent, and for which the amount of the rental payment is based upon the tenant's ability to pay. Such buildings and facilities may be served by a master-meter.

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

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
Original Sheet No. 49.9

### GENERAL PROVISIONS Rate 100

Page 10 of 10

- iv. Electric service to each unit or facility in a new or substantially remodeled building which is subject to this rule shall be provided in accordance with the applicable rate schedule for such service in the area in which the building is located.
- v. Electric service to buildings which are subject to this rule shall be on an individually-metered basis, unless the owner or builder of such building presents the Company with written evidence that the North Dakota Public Service Commission has approved master-metering of electric service to the building on the basis that the owners or contractors costs of purchasing and installing facilities for separate metering together with the Company costs of purchasing and installing separate meters exceed the long-term benefits resulting therefrom.

#### 15. MODIFICATION OF RATES, RULES AND REGULATIONS:

Company reserves the right to modify its rates, rules, and regulations or other provisions now or hereafter in effect, in any manner permitted by law.

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**Case No.:** PU-10-124



# 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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# 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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---

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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

---

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

## State of North Dakota Electric Rate Schedule

---

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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

---

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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

---

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**Case No.:** PU-10-124



# 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

2<sup>nd</sup> Revised Sheet No. 58.20

Canceling 1<sup>st</sup> Revised Sheet No. 58.20

### **ELECTRIC SERVICE RULES AND REGULATIONS Rate 110**

Page 21 of 31

#### 602. Meter Installations

602.1 The Company will furnish all meters required for billing purposes.

It shall be the customer's responsibility to furnish, install and maintain the meter mounting device. Company approved specifications for electric meter sockets and metering transformer enclosures are listed below:

#### Self-Contained Meter Sockets – Single-Phase, Three-Phase and Multiple Position Type

1. U.L. approved, ringless style.
2. 100 ampere minimum for overhead service installations.
3. 150 ampere minimum for underground service installations.
4. Equipped with a fifth terminal in the nine o'clock position where network metering is required.
5. A lever by-pass feature is required for all commercial and industrial installations. Upon review by Company, an exemption may be provided.
6. A lever by-pass feature is recommended for all residential installations.

#### Metering Transformer Rated Meter Socket

1. U.L. approved, ringless style with a one piece cover.
2. Minimum size must provide space for test switch installation and phase shifting transformer where required.
3. Socket must have six terminals for single phase and 13 terminals for all other configurations.
4. Automatic by-pass feature is not acceptable.
5. Consult with Company prior to purchasing any instrument rated socket.

#### Metering Transformer Enclosure (Secondary Service)

1. Recommend a durable, weather-resistant finish and weatherproof seal.
2. Must be provided with hinge-type cover and provisions to attach locking or sealing device.
3. Minimum size 10" x 24" x 30" with suitable mounting brackets for current and voltage transformers.
4. Consult with Company prior to purchasing any metering transformer enclosure.

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**Case No.:** PU-10-124



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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

---

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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

---

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

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---

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Bismarck, ND 58501

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Bismarck, ND 58501

## State of North Dakota Electric Rate Schedule

---

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

## State of North Dakota Electric Rate Schedule

---

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

### TABLE OF CONTENTS

Page 1 of 2

<u>Designation</u>	<u>Title</u>	<u>Sheet No.</u>
	Table of Contents	1-1.1
	Communities Served	2-2.1
10	Residential Electric Service	3
13	<u>Optional Residential Electric Thermal Energy Storage Service</u>	<u>4-4.1</u>
	Reserved	<u>45-6</u>
16	Optional Time-of-Day Residential Electric Service	7-7.1
	Reserved	8-9
20	Small General Electric Service	10-10.1
	Reserved	11-13
25	Irrigation Power Service	14-14.1
26	Optional Time-of-Day Small General Electric Service	15-15.1
	Reserved	16-17
30	General Electric Service	18-18.1 <u>2</u>
31	Optional Time-of-Day General Electric Service	19-19.2
32	General Electric Space Heating Service	20-20.1 <u>2</u>
	Reserved	21
34	Firm Service Economic Development	22-22.2
38	Interruptible Large Power Demand Response	23-23.3
39	<del>Interruptible Large Power Service</del> <u>Reserved</u>	24-24.2
40	Small Municipal Electric Service	25-25.2
41	Municipal Lighting Service	26-26.1
	Reserved	27-31
48	Municipal Pumping Service	32-32.1
	Reserved	33-35
52	Outdoor Lighting Service	36-36.1 <u>2</u>
	Reserved	37-40
57	<del>Margin Sharing Adjustment</del> <u>Reserved</u>	41-41.2

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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  
Original Sheet No. 1.1

### TABLE OF CONTENTS

Page 2 of 2

<u>Designation</u>	<u>Title</u>	<u>Sheet No.</u>
58	Fuel Clause and Purchased Power Adjustment	42-42.13
	Reserved	43
95	Occasional Power Purchase Non-Time Differentiated	44-44.2
96	Parallel Generation Peaking Facility Purchase	
	Time Differentiated	45-45.3
	Reserved	46-49.47
100	General Provisions	49-49.9
101	Rule Governing Discontinuance of Service for Nonpayment of Bill	50
102	Residential Electric Service for Permanent Employees	51
	Reserved	50-57.52
106	Consumer Deposits	53
107	Notice to Discontinue Electric Service	54
108	Reconnection Fee for Seasonal Customers	55
109	Late Payment Charge/Returned Check Charge	56
	Reserved	57
110	Electric Service Rules and Regulations	58-58.35
	Reserved	59
112	Electric Extension Policy	60-60.2
113	Method of Computing Initial or Final Bills for Electric Service for Less Than a Full Monthly Billing Period	61
114	Rules for Application of Electric Service	62-62.1
	Reserved	63-66.61- 67
130	Tax Clause	67
131	Selective Testing Plan for Watthour Meters	68-68.2
	Reserved	69
133	Rules and Policies for Implementing Master Metering Restrictions	70-70.1
	Reserved	71.69-73
140	Small Qualifying Facilities (SQF) General Rules	74-74.2

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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  
Original 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:

~~Base Rate~~ Basic Service Charge: \$5.50 .35 per month/day

#### Energy Charge:

October – May:

First 750 Kwh per month ~~6.83~~ 5.304¢ per Kwh

Over 750 Kwh per month ~~3.43~~ 2.304¢ per Kwh

~~Energy Charge~~ -June – September: ~~6.83~~ 5.304¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

#### Minimum Bill:

~~Base rate~~ 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 ~~409-100~~ or any amendments or alterations thereto.

#### ~~Margin Sharing Adjustment:~~

~~Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.~~

#### ~~Fuel Clause~~ Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto. ~~Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.~~

#### General Terms and Conditions:

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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  
Original Sheet No. 3

### RESIDENTIAL ELECTRIC SERVICE Rate 10

---

Page 2 of 2

The foregoing schedule is subject to Rates ~~101-133~~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.:**





# 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  
Original 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: \$0.45 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: 0.804¢ per Kwh

#### On-Peak Energy Charge:

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

October – May:

First 750 Kwh per month 5.304¢ per Kwh

Over 750 Kwh per month 2.304¢ per Kwh

June – September: 5.304¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

#### 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  
Original Sheet No. 4.1

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

---

Page 2 of 2

#### Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

#### General Terms and Conditions:

1. Thermal storage space heating facilities can include the thermal storage device(s), air-source heat pumps, and associated air handling units.
2. Unless approved by the Company the maximum thermal storage facilities that may be connected under this rate schedule is 50 Kw.
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.

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

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
2<sup>nd</sup> Revised Sheet No. 7  
Canceling 1<sup>st</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:

~~Base Rate~~Basic Service Charge: \$~~10.50~~0.45 per month~~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 ~~8.32~~07.398¢ per Kwh

June – September ~~12.32~~10.398¢ per Kwh

#### Off-Peak Energy:

~~3.43~~1¢ per Kwh ~~For all energy not covered by the On-Peak rating period.~~ 2.304¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

#### Minimum Bill:

~~Base rate~~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 ~~109-100~~ or any amendments or alterations thereto.

#### ~~Margin Sharing Adjustment:~~

~~Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.~~

#### ~~Fuel Clause~~Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to the adjustment as provided in Rate 58, or any amendments or alterations thereto.

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Case No.:



# 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  
Original Sheet No. 7.1

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

---

Page 2 of 2

~~Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.~~

#### **Contract Terms:**

Customer agrees to contract for service under the Optional Time-of-Day Residential 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 Residential Electric Service rate or of returning to the regular Residential Electric Service rate.

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

The foregoing schedule is subject to Rates ~~101-133~~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.:**



# 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  
Original 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:

~~Base Rate~~ Basic Service Charge: \$~~20.00~~0.70 per month/day

#### Energy Charge:

October – May:

First 750 Kwh per month 6.7896.147¢ per Kwh

Over 750 Kwh per month ~~3.431~~2.304¢ per Kwh

~~Energy Charge-~~ June – September: 6.7896.147¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

#### Minimum Bill:

~~Base Rate~~ 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 ~~409-100~~ or any amendments or alterations thereto.

#### ~~Margin Sharing Adjustment:~~

~~Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.~~

#### ~~Fuel Clause~~ Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto. ~~Bills are subject to~~

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 10.1

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### SMALL GENERAL ELECTRIC SERVICE Rate 20

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Page 2 of 2

~~an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.~~

#### 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. Customer may take service under this rate provided customer's monthly Kwh will not exceed 4,000 Kwh per month for four consecutive months or connected load will not exceed 20 Kw, and
  - ~~1. Customer is served single phase and has a service entrance capacity of 200 amperes or less, or~~
  - ~~2. Customer is served three phase at 120/208 or 120/240 volts and has a service entrance capacity of 200 amperes or less, or~~
  - ~~3. Customer is served three phase at 277/480 or 240/480 volts and has a service entrance capacity of 100 amperes or less.~~
3. Non-metered services. At the Company's discretion, the installation of a meter on a customer's service may not be warranted. In the absence of measuring a customer's use, customers will be billed a predetermined energy use amount each month based on the operating characteristics of the equipment being served, such as Wi-Fi equipment served on Company-owned poles.
34. The foregoing schedule is subject to Rates ~~401-433~~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:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 14.1

### IRRIGATION POWER SERVICE Rate 25

Page 1 of 2

**Availability:**

For irrigation power service.

**Rate:**

~~Base Rate~~ Basic Service Charge:     \$~~10.00~~0.65 per month~~day~~

Demand Charge:

October – May                     \$~~1.00~~1.25 per Kw

June – September                \$~~1.50~~2.75 per Kw

Energy Charge:                     3.43~~1.20~~9¢ per Kwh

Base Fuel and Purchased Power:     2.087¢ per Kwh

**Minimum Bill:**

~~Base Rate~~ 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 ~~409-100~~ 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 and/or intermittent demand characteristics shall be subject to special rules and regulations.

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 14.1

### IRRIGATION POWER SERVICE Rate 25

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Page 2 of 2

#### **Margin Sharing Adjustment:**

~~\_\_\_\_\_ Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.~~

#### **Fuel Clause Fuel and Purchased Power Adjustment:**

~~The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto. Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.~~

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

The foregoing schedule is subject to Rates ~~401-433~~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:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:





# 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  
2<sup>nd</sup> Revised Sheet No. 15  
Canceling 1<sup>st</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:

~~Base Rate~~ Basic Service Charge: \$~~22.00~~0.80 per month/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 8.5427.385¢ per Kwh

June – September 12.54211.385¢ per Kwh

#### Off-Peak Energy:

~~3.431¢ per Kwh for~~ For all energy not covered by the On-Peak rating period. 2.304¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

#### Minimum Bill:

~~Base Rate~~ 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 ~~109-100~~ or any amendments or alterations thereto.

#### Margin Sharing Adjustment:

~~Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.~~

#### Fuel Clause Fuel and Purchased Power Adjustment:

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 15.1

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

Page 2 of 2

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

~~Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.~~

#### Contract Terms:

Customer agrees to contract for service under the Optional Time-of-Day Small 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 Small General Electric Service rate or of returning to the regular Small 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. Customer may take service under this rate provided customer's monthly Kwh will not exceed 4,000 Kwh per month for four consecutive months or connected load will not exceed 20 Kw, ~~and~~
  - ~~a. Customer is served single phase and has a service entrance capacity of 200 amperes or less, or~~
  - ~~b. Customer is served three phase at 120/208 or 120/240 volts and has a service entrance capacity of 200 amperes or less, or~~
  - ~~c. Customer is served three phase at 277/480 or 240/480 volts and has a service entrance capacity of 100 amperes or less.~~
3. The foregoing schedule is subject to Rates ~~401-133~~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:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original 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:

##### For Primary Service:

~~Base Rate~~ Basic Service Charge: \$~~90.00~~95.00 per month

##### Demand Charge:

October – May \$~~5.25~~6.25 per Kw

June – September \$~~8.25~~9.25 per Kw

Energy Charge: ~~3.25~~2.296¢ per Kwh

Base Fuel and Purchased Power: 2.024¢ per Kwh

##### For Secondary Service:

~~Base Rate~~ Basic Service Charge: \$~~35.00~~45.00 per month

##### Demand Charge:

October – May \$ ~~8.22~~8.25 per Kw

June – September \$~~11.22~~11.25 per Kw

Energy Charge: ~~3.33~~2.376¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

#### Minimum Bill:

~~Base Rate~~ 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 ~~109-100~~ or any amendments or alterations thereto.

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 18.1

### GENERAL ELECTRIC SERVICE Rate 30

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Page 2 of 3

#### 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.

#### ~~Margin Sharing Adjustment:~~

~~Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.~~

#### ~~Fuel Clause~~ Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

~~Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.~~

#### 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.
- 4.2. 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.

---

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 18.2

### GENERAL ELECTRIC SERVICE Rate 30

---

Page 3 of 3

3. The foregoing schedule is subject to Rates ~~101-133~~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:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
2<sup>nd</sup> Revised Sheet No. 19  
Canceling 1<sup>st</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:

##### For Primary Service:

~~Base Rate~~ Basic Service Charge:     \$~~92.00~~97.00 per month

##### On-Peak Demand:

October - May                     \$ ~~4.50~~7.50 per Kw

June - September                 \$~~7.50~~10.50 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.

October – May                    ~~3.49~~2.79¢ per Kwh

June – September               ~~5.49~~3.79¢ per Kwh

##### Off-Peak Energy:

~~3.49¢ per Kwh for~~ For all energy not covered by  
the On-Peak rating period.     ~~0.79¢ per Kwh-~~ 0.79¢ per Kwh-

Base Fuel and Purchased Power:     2.02¢ per Kwh

##### For Secondary Service:

~~Base Rate~~ Basic Service Charge:     \$~~37.00~~47.00 per month

##### On-Peak Demand:

October – May                     \$ ~~4.50~~9.50 per Kw

June – September                \$~~7.50~~13.50 per Kw

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 19.2

### 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.

\_\_\_\_\_ October – May      ~~3.840~~2.793¢ per Kwh  
\_\_\_\_\_ June – September    ~~5.840~~3.793¢ per Kwh

#### Off-Peak Energy:

~~3.840~~¢ per Kwh for ~~For~~ all energy not covered by  
the On-Peak rating period.      0.793¢ per Kwh

Base Fuel and Purchased Power:    2.087¢ per Kwh

#### Minimum Bill:

~~Base Rate~~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 ~~109~~100 or any amendments or alterations thereto.

#### ~~Margin Sharing Adjustment:~~

~~\_\_\_\_\_ Bills are subject to a credit for the wholesale sales margin sharing adjustment as  
provided in Rate 57, or any amendments or alterations thereto.~~

#### Fuel Clause Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as  
provided in Rate 58, or any amendments or alterations thereto.  
~~Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any  
amendments or alterations thereto.~~

#### 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. 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.

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 19.2

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

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Page 3 of 3

#### **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 of 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 ~~101-133~~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:**

**Effective Date:**

**Issued By:** Tamie A. Aberle  
Regulatory Affairs Manager

**Case No.:**





# 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> Revised Sheet No. 20.1  
Canceling Original Sheet No. 20.1

### 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:

~~Base Rate~~ Basic Service Charge:                    \$~~10.00~~15.00 per month

#### ~~For~~ Primary Service:

    Demand Charge:  
        June – September                    \$~~8.25~~49.25 per Kw

    Energy Charge:                            ~~3.25~~52.796¢ per Kwh

Base Fuel and Purchased Power:    2.024¢ per Kwh

#### ~~For~~ Secondary Service:

    Demand Charge:  
        June – September                    \$~~11.22~~41.25 per Kw

    Energy Charge:                            ~~3.33~~62.876¢ per Kwh

Base Fuel and Purchased Power:    2.087¢ per Kwh

#### Minimum Bill:

~~Base Rate~~ 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 ~~409-100~~ or any amendments or alterations thereto.

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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> Revised Sheet No. 20.1  
Canceling Original Sheet No. 20.1

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### GENERAL ELECTRIC SPACE HEATING SERVICE Rate 32

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Page 2 of 3

#### 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.

#### ~~Margin Sharing Adjustment:~~

~~Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.~~

#### ~~Fuel Clause~~ Fuel and Purchased Power Adjustment:

~~The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto. Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.~~

#### 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

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Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
1<sup>st</sup> Revised Sheet No. 20.1  
Canceling Original Sheet No. 20.1

### GENERAL ELECTRIC SPACE HEATING SERVICE Rate 32

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Page 3 of 3

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 ~~101-133~~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:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original 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:

- a<sub>1</sub>. 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.
- b<sub>2</sub>. 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:

~~Base Rate~~Basic Service Charge:     \$~~92.00~~95.00 per month

Demand Charge:                    To Be Negotiated

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

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

#### Minimum Bill:

~~Base Rate~~Basic Service Charge plus Demand Charge.

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 22.2

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### FIRM SERVICE ECONOMIC DEVELOPMENT Rate 34

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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 ~~109-100~~ or any amendments or alterations thereto.

#### ~~Margin Sharing Adjustment:~~

~~\_\_\_\_\_ Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.~~

#### Fuel Clause ~~Fuel and Purchased Power Adjustment:~~

~~The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto. Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.~~

#### Right to Discontinue Service:

The Company reserves the right to refuse applicants who have not previously signed a contract for service under this rate if it determines either system capacity or system energy supply is projected to be insufficient, or if service reliability is expected to be at jeopardy.

#### Determination of Billing Demand:

The demand in kilowatts for billing purposes shall be the greater of the maximum 15 minute measured demand in the current month or 200 Kw. 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.

#### General Terms and Conditions:

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Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 22.2

### FIRM SERVICE ECONOMIC DEVELOPMENT Rate 34

Page 3 of 3

1. The customer and the Company shall execute a contract for service to be effective under this rate for a period of five years from the date of service commencement.
2. The negotiated demand charge shall be increased according to the differential between the negotiated rate and the ceiling as portrayed by the following schedule.

<u>Years</u>	<u>Differential Percent Decrease</u>
1-3	0%
4	25%
5	50%

At the end of the fifth year, the negotiated agreement hereunder expires.

3. Upon expiration of the contract, the customer shall be served under the otherwise applicable rate schedule.
4. 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.
5. The foregoing schedule is subject to Rates ~~404-433~~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:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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> Revised Sheet No. 23  
Canceling Original 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:

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

#### Demand Charge:

October – May                    \$~~2.75~~43.25 per Kw  
June – September                \$~~5.75~~46.25 per Kw

Energy Charge:                    3.2552.126¢ per Kwh

Base Fuel and Purchased Power: 2.024¢ per Kwh

#### Minimum Bill:

~~Base Rate~~ 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 ~~409-100~~ or any amendments or alterations thereto.

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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> Revised Sheet No. 23  
Canceling Original Sheet No. 23

### INTERRUPTIBLE LARGE POWER DEMAND RESPONSE Rate 38

Page 2 of 4

#### Determination of Billing Demand:

The demand in kilowatts for billing purposes shall be the greater of the maximum 15 minute measured demand in the current month or 500 Kw. 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.

#### ~~Margin Sharing Adjustment:~~

~~Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.~~

#### ~~Fuel Clause~~Fuel and Purchased Power Adjustment:

~~The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto. Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.~~

#### General Terms and Conditions:

1. The customer shall execute an electric service agreement with the Company which will include, among other provisions, a minimum term of service and monthly ~~Base Rate~~Basic Service Charge payments to the Company. The monthly ~~Base Rate~~Basic Service Charge payments are determined on a customer by customer basis and shall include, but are not limited to, any additional costs incurred by Company for facilities, such as substations, electric lines, meters, switching devices, and circuit breakers that are necessary to provide service under this rate.

Date Filed:

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Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:





# 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> Revised Sheet No. 23  
Canceling Original Sheet No. 23

### INTERRUPTIBLE LARGE POWER DEMAND RESPONSE Rate 38

Page 3 of 4

2. All equipment associated with the interruptible load must be of such voltage and electrical characteristics that it can be separately metered and served from the circuit provided for the interruptible portion of the customer's load. If the equipment to be served is such that this is impossible, the customer must either make special arrangements with the Company or furnish the necessary equipment suitable for connection and metering to the circuit for the interruptible portion of the load.
3. The customer must provide a load-break switch or circuit breaker equipped with electrical trip and close circuits allowing for remote operation of the customer's switch or circuit breaker by the Company. Customer must wire the trip and close circuits into a connection point designated by the Company to allow installation of control equipment by the Company. Customer must provide a continuous 120 volt AC power source at the connection point for operation of the Company's control system.
4. The Company may request the customer to interrupt at any time for up to 100 hours during an annual period starting with the in-service date of the contract between the Company and the customer and annually thereafter. Company shall reimburse customer for customer's fuel when interrupted at a mutually acceptable level and price.
5. Customer will be required to interrupt service within 10 minutes of the Company's signal to interrupt service.
6. The penalty for non-performance when the Company requests the customer to interrupt will be the greater of \$10.00 per Kw applicable to the Kw demand specified in the electric service agreement with the Company or the appropriate allocation of any penalties imposed on the Company by the Midwest Reliability Organization for the period of non-performance. After a second failure to perform, within a 12-month period, the customer shall be liable for the penalty and may be moved to the otherwise applicable rate.
7. The Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
1<sup>st</sup> Revised Sheet No. 23  
Canceling Original Sheet No. 23

### INTERRUPTIBLE LARGE POWER DEMAND RESPONSE Rate 38

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Page 4 of 4

8. The foregoing schedule is subject to Rates ~~401-133~~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:**

**Effective Date:**

**Issued By:** Tamie A. Aberle  
Regulatory Affairs Manager

**Case No.:**



# 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

---

**INTERRUPTIBLE LARGE POWER SERVICE Rate 39**

NDPSC Volume 4  
1<sup>st</sup> Revised Sheet No. 24  
Canceling Original Sheet No. 24

Page 1 of 3

### 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 500 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:

Base Rate: \_\_\_\_\_ Specified in the electric service agreement with the Company.

Demand Charge: \_\_\_\_\_ \$2.250 per Kw of billing demand

Energy Charge: \_\_\_\_\_ 2.900¢ per Kwh

### Minimum Bill:

Base Rate 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 109 or any amendments or alterations thereto.

### Determination of Billing Demand:

The demand in kilowatts for billing purposes shall be the greater of the maximum 15 minute measured demand in the current month or 500 Kw. 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.

---

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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> Revised Sheet No. 24.1

**INTERRUPTIBLE LARGE POWER SERVICE Rate 39** Canceling Original Sheet No. 24.1

Page 2 of 3

### **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.

### **Margin Sharing Adjustment:**

Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.

### **Fuel Clause:**

Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.

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

1. The customer shall execute an electric service agreement with the Company which may include, among other provisions, a minimum term of service and monthly Base Rate payments to the Company. The monthly Base Rate payments are determined on a customer by customer basis and shall include, but are not limited to, any additional costs incurred by Company for facilities, such as substations, electric lines, meters, switching devices, and circuit breakers that are necessary to provide service under this rate.
2. All equipment associated with the interruptible load must be of such voltage and electrical characteristics that it can be separately metered and served from the circuit provided for the interruptible portion of the customer's load. If the equipment to be served is such that this is impossible, the customer must either make special arrangements with the Company or furnish the necessary equipment suitable for connection and metering to the circuit for the interruptible portion of the load.

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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> Revised Sheet No. 24.2

**INTERRUPTIBLE LARGE POWER SERVICE Rate 39**    Canceling Original Sheet No. 24.2

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Page 3 of 3

- ~~3. The customer must provide a load break switch or circuit breaker equipped with electrical trip and close circuits allowing for remote operation of the customer's switch or circuit breaker by the Company. Customer must wire the trip and close circuits into a connection point designated by the Company to allow installation of control equipment by the Company. Customer must provide a continuous 120 volt AC power source at the connection point for operation of the Company's control system.~~
- ~~4. The duration and frequency of interruptions shall be at the sole discretion of the Company but in no event will the total hours interrupted exceed 500 hours in each twelve month period beginning with the start date or subsequent anniversary date of the contract between the Company and the customer.~~
- ~~5. The penalty for non performance when the Company requests the customer to interrupt will be the greater of \$10.00 per Kw applicable to the Kw demand specified in the electric service agreement with the Company or the appropriate allocation of any penalties imposed on the Company by the Midwest Reliability Organization for the period of non performance. After a second failure to perform, within a 12 month period, the customer shall be liable for the penalty and may be moved to the otherwise applicable rate.~~
- ~~6. The Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.~~
- ~~7. The foregoing schedule is subject to Rates 101-133 and any amendments or alterations thereto or additional rules and regulations promulgated by the Company under the laws of the state.~~

Reserved for future use

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**Date Filed:**

**Effective Date:**

**Issued By:** Tamie A. Aberle  
Regulatory Affairs Manager

**Case No.:**



# 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  
Original Sheet No. 25.2

### 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:

~~Base Rate~~ Basic Service Charge: \$15.500.65 per monthday

##### Energy Charge:

October – May:

First 750 Kwh per month 4.4973.868¢ per Kwh

Over 750 Kwh per month 3.4312.802¢ per Kwh

~~Energy Charge~~ June – September: 4.4973.868¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

##### Demand:

~~Base Rate~~ Basic Service Charge: \$25.500.75 per monthday

##### Demand Charge:

October – May:

10 Kw or less No Charge

Over 10 Kw \$4.2246.25 per Kw

~~Demand Charge~~ June – September:

All Kw \$7.2248.25 per Kw

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 25.2

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

Page 2 of 3

Energy Charge: 3.4311.302¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

**Minimum Bill:**

~~Base Rate~~ 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 ~~109-100~~ 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.

**Margin Sharing Adjustment:**

~~\_\_\_\_\_ Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.~~

**Fuel Clause Fuel and Purchased Power Adjustment:**

~~The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto. Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.~~

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 25.2

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

Page 3 of 3

#### General Terms and Conditions:

1. Customers or their architects, contractors and electricians should consult with the Company before ~~Proceeding~~ 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. Customer may take service under the non-demand rate provided customer's monthly Kwh will not exceed 4,000 Kwh per month for four consecutive months or connected load will not exceed 20 Kw, ~~and~~
  - a. ~~Customer is served single phase and has a service entrance capacity of 200 amperes or less, or~~
  - b. ~~Customer is served three phase at 120/208 or 120/240 volts and has a service entrance capacity of 200 amperes or less, or~~
  - c. ~~Customer is served three phase at 277/480 or 240/480 volts and has a service entrance capacity of 100 amperes or less.~~
3. Customers not qualifying for the non-demand rate shall be served under the demand rate.
4. The foregoing schedule is subject to Rates ~~401-133~~ 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:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:





# 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  
Original Sheet No. 26.1

### 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:

~~For Primary Service:~~

Energy Charge: 5.8285.008¢ per Kwh  
~~computed according to the total rated capacity of lamps in use.~~  
Base Fuel and Purchased Power: 2.024¢ per Kwh

~~For Secondary Service:~~

Energy Charge: 6.3285.508¢ per Kwh computed  
according to the total rated capacity of the lamps in  
use.

Base Fuel and Purchased Power: 2.087¢ per Kwh

~~Special dDiscount:~~ 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 ~~409-100~~ or any amendments or alterations thereto.

#### ~~Margin Sharing Adjustment:~~

~~Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.~~

#### Fuel Clause~~Fuel and Purchased Power Adjustment:~~

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 26.1

### MUNICIPAL LIGHTING SERVICE Rate 41

Page 2 of 2

~~The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto. Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.~~

#### 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 ~~101-133~~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:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 32.1

### 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:

##### For Primary Service:

~~Base Rate~~ Basic Service Charge: \$12.00 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: ~~\$4.15~~ 3.00 per Kw

June – September: ~~\$4.15~~ 5.50 per Kw

Energy Charge: ~~3.63~~ 2.061¢ per Kwh

Base Fuel and Purchased Power: 2.024¢ per Kwh

##### For Secondary Service:

~~Base Rate~~ Basic Service Charge: \$10.00 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: ~~\$3.06~~ 5.00 per Kw

June – September: ~~\$6.06~~ 7.00 per Kw

Energy Charge: ~~3.65~~ 2.166¢ per Kwh

Base Fuel and Purchased Power: 2.087¢ per Kwh

Date Filed:

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Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 32.1

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### MUNICIPAL PUMPING SERVICE Rate 48

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Page 2 of 3

~~Special dDiscount:~~  
For contracts of ten years or more 10%

#### Minimum Bill:

~~Base Rate~~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 409-100~~ 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.

#### ~~Margin Sharing Adjustment:~~

~~Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.~~

#### ~~Fuel Clause~~Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

~~Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.~~

#### 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.

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Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 32.1

### MUNICIPAL PUMPING SERVICE Rate 48

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Page 3 of 3

4.2.\_\_\_\_ The foregoing schedule is subject to Rates ~~401-433~~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  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 36.1

### OUTDOOR LIGHTING SERVICE Rate 52

Page 1 of 3

#### Availability:

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

#### Rate:

For Primary Service:

Energy Charge: 7.0036.288¢ per Kwh computed  
according to the total rated capacity of the units in  
use.

Base Fuel and Purchased Power: 2.024¢ per Kwh

For Secondary Service:

Energy Charge: 7.4096.694¢ per Kwh computed  
according to the total rated capacity of the units in  
use.

Base Fuel and Purchased Power: 2.087¢ per Kwh

Discount: For contracts of ten years or more 10%

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 109-100 or any amendments or alterations thereto.

#### Margin Sharing Adjustment:

Bills are subject to a credit for the wholesale sales margin sharing adjustment as provided in Rate 57, or any amendments or alterations thereto.

#### Fuel Clause Fuel and Purchased Power Adjustment:

The Base Fuel and Purchased Power amount is subject to adjustment as provided in Rate 58, or any amendments or alterations thereto.

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 36.1

### OUTDOOR LIGHTING SERVICE Rate 52

Page 2 of 3

~~Bills are subject to an adjustment for cost of fuel as provided in Rate 58, or any amendments or alterations thereto.~~

#### 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.

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Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 36.1

### OUTDOOR LIGHTING SERVICE Rate 52

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Page 3 of 3

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 ~~401-433~~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:**

**Effective Date:**

**Issued By:** Tamie A. Aberle  
Regulatory Affairs Manager

**Case No.:**





# 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  
1<sup>st</sup> Revised Sheet No. 41  
Canceling Original Sheet No. 41

### ~~MARGIN SHARING ADJUSTMENT Rate 57~~

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Page 1 of 3

#### ~~1. Applicability:~~

~~This rate schedule constitutes an electric wholesale margin sharing adjustment (MSA) provision and specifies the procedure to be utilized to adjust the rates for electricity sold under Montana-Dakota's rate schedules in order to reflect: (a) changes in Montana-Dakota's electric wholesale sales margins as allocated to its North Dakota electric jurisdiction, and (b) amortization of the Margin Sharing Account.~~

#### ~~2. Effective Date of Adjustment:~~

~~The effective date of the MSA shall be service rendered on and after the first day of April of each year, unless the Commission shall otherwise order. The initial adjustment under this tariff shall become effective April 1, 2005.~~

#### ~~3. Margin Sharing Adjustment:~~

~~The MSA shall reflect changes in Montana-Dakota's electric wholesale margins as compared to the wholesale margins reflected in base rates. The MSA is made up of:~~

~~(a) Current margin adjustment~~

~~(b) Carrying charges on 3(a)~~

~~(c) Surcharge adjustment~~

~~The adjustment per kwh shall be determined by dividing the amount determined above by the estimated kwh sales for the twelve months following the effective date of the adjustment.~~

#### ~~4. Current Margin Adjustment:~~

~~The current margin adjustment shall be:~~

~~(a) \$6,500,000 less~~

~~(b) 85 percent of the actual wholesale sales margins for the preceding calendar year, unless~~

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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  
Original Sheet No. 41.1

### ~~MARGIN SHARING ADJUSTMENT Rate 57~~

Page 2 of 3

~~(c) Wholesale sales margins in the preceding calendar year are less than \$3,300,000, then the current margin adjustment shall be 15 percent of actual wholesales sales margins for the preceding calendar year plus \$3,200,000.~~

#### ~~5. Carrying Charges:~~

~~(a) Carrying charges will be applied to the accumulated balance of the difference each month between \$542,000 and 85 percent of actual wholesale sales margins.~~

~~(b) Carrying charges on the amounts shall be applied at a rate equal to the three-month Treasury Bill rate as published monthly by the Federal Reserve Board as of the end of the immediately preceding month, exclusive of carrying charges accrued and net of the related deferred tax amounts in Accounts 283 or 190, as appropriate.~~

~~(c) If annual wholesale margins are less than \$3,300,000 then interest calculated in (a) and (b) will be recalculated to reflect the minimum annual level.~~

#### ~~6. Surcharge Adjustment:~~

~~The Surcharge Adjustment shall reflect amortization of the estimated balance in the Margin Sharing Account as of April 1 each year.~~

#### ~~7. Margin Sharing Account:~~

~~—The Margin Sharing Account shall consist of:~~

~~(a) The balance of the current margin adjustment and the carrying charges as of December 31 each year, less~~

~~(b) The amount determined by multiplying the currently effective Surcharge Adjustment included in rates by the kwhs sold during each month. The account shall be increased in the event the Surcharge Adjustment is a negative amount.~~

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Case No.:



# 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  
Original Sheet No. 41.2

---

### MARGIN SHARING ADJUSTMENT Rate 57

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Page 3 of 3

~~(c) Carrying charges on the net balance shall be applied at a rate equal to the three-month Treasury Bill rate as published monthly by the Federal Reserve Board as of the end of the immediately preceding month, exclusive of carrying charges accrued and net of the related deferred tax amounts in Accounts 283 or 190, as appropriate.~~

#### ~~8. Time and Manner of Filing:~~

~~(a) Montana-Dakota shall file the MSA at least 30 days prior to the proposed effective date. The filing by Montana-Dakota shall be made by means of revised MSA sheets identifying the amounts of the adjustment, the derivation of the adjustment and the resulting MSA rate.~~

Reserved for future use

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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  
2<sup>nd</sup> Revised Sheet No. 42  
Canceling 1<sup>st</sup> Revised Sheet No. 42

### FUEL CLAUSE AND PURCHASED POWER ADJUSTMENT Rate 58

Page 1 of 3

~~There shall be added to or deducted from the net monthly bill computed according to the applicable schedule .001¢ (one thousandth of one cent) per kilowatt-hour for each .001¢ increase above or decrease below the base fuel cost per kilowatt-hour. The base fuel cost shall be 1.303¢ per Kwh.~~

~~The fuel cost shall be the energy related fuel and purchased power costs plus the annual Surcharge Adjustment.~~

~~A. The energy related fuel and purchased power costs shall include the sum of the following costs for the most recent four month period:~~

- ~~1. The cost of fossil and other fuels, including but not limited to tire derived fuel (TDF) and refuse derived fuel (RDF) consumed in the Company's own generating stations and the Company's share of fuel consumed in jointly owned generating stations as recorded in Account 151.~~
- ~~2. The net energy cost of energy purchases as recorded in Account 555 exclusive of capacity or demand charges including but not limited to:
  - ~~a. Energy that is purchased on an economic dispatch basis;~~
  - ~~b. Energy purchased from a renewable energy source, including but not limited to hydropower, wood, windpower, and biomass;~~
  - ~~c. Net costs linked to the utility's load serving obligation, associated with participation in wholesale electric energy markets operated by Regional Transmission Organizations, Independent System Operators or similar entities that have received Federal Energy Regulatory Commission approval to operate the energy markets.~~~~
- ~~3. The actual identifiable fossil and other fuel costs associated with energy purchased for reasons other than identified in (2) above, less;~~
- ~~4. The cost of fossil and other fuel recovered through intersystem sales, including the fuel costs and/or renewable energy costs related to economy energy sales and other energy sold on an economic dispatch basis.~~

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

## State of North Dakota Electric Rate Schedule

NDPSC Volume 4

1<sup>st</sup> Revised Sheet No. 42.1

Canceling Original Sheet No. 42.1

### **FUEL-CLAUSe AND PURCHASED POWER ADJUSTMENT Rate 58**

Page 2 of 3

- ~~B. The sum of the costs calculated in A. shall be divided by all kilowatt hours sold excluding intersystem sales for the most recent four month period as herein defined to arrive at the cost per kwh.~~
- ~~C. All sales rate schedules shall be subject to a Surcharge Adjustment to be effective on April 1 each year. The Surcharge Adjustment per kwh sold shall reflect the amortization of the applicable balance in the Unrecovered Fuel Cost Account calculated by dividing the applicable balance by the estimated kwh sales for the twelve months following the effective date of the adjustment.~~
- ~~a. The balance in the Unrecovered Fuel Cost Account (Account 182.3) includes:~~
- ~~1. The current month over or under recovery, determined as follows:~~
    - ~~i. Montana-Dakota shall determine each month the unit cost for that month's fuel and purchased power.~~
    - ~~ii. Montana-Dakota shall subtract from the month's unit cost the unit cost reflected in rates for that month.~~
    - ~~iii. The resulting difference (positive or negative) shall be multiplied by the kwhs sold that month under each rate schedule.~~
  - ~~2. Refunds from supplier(s) and market operators with respect to fuel and purchased power costs.~~
  - ~~3. Carrying charges or credits at a rate equal to the three month Treasury Bill rate as published monthly by the Federal Reserve Board.~~
  - ~~4. The balance in the Unrecovered Fuel Cost Account shall be decreased each month by the amount of the Surcharge Adjustment multiplied by the kwh sales for the month. The amount amortized shall be applied pro rata between the Unrecovered Fuel Cost Account and the interest balance.~~

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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

1<sup>st</sup> Revised Sheet No. 42.2

Canceling Original Sheet No. 42.2

### FUEL CLAUSE AND PURCHASED POWER ADJUSTMENT Rate 58

Page 3 of 6

~~1. D. The Company shall file a monthly statement showing the calculation of the Fuel Cost Adjustment with the Commission prior to implementing the monthly adjustment. The adjustment in rates shall be effective with service rendered on and after the first day of each month, unless the Commission shall otherwise order.~~

#### **1. Applicability:**

This rate schedule sets forth the procedure to be used in calculating the Fuel and Purchased Power Adjustment (FPPA). It specifies the procedure to be utilized to adjust the rates for electricity sold under Montana-Dakota's rate schedules in order to reflect: (a) changes in Montana-Dakota's average cost of fuel and purchased power, including electric wholesale sales margin credits as allocated to North Dakota; and (b) amortization of the Deferred Fuel Cost Account.

#### **2. Effective Date and Limitation on Adjustments:**

a. Unless otherwise ordered by the Commission, the effective dates of the Fuel and Purchased Power Adjustment shall be service rendered on and after the first day of each month. The effective date of the adjustment for amortization of the Deferred Fuel Cost Account shall be April 1 of each year.

b. Montana-Dakota shall file an adjustment to reflect changes in its average cost of electric supply only when the amount of change in such adjustment is at least .001 cents per Kwh. The adjustment to be effective April 1 shall be filed each year, regardless of the amount of the change.

#### **3. Fuel and Purchased Power Adjustment:**

a. The monthly Fuel and Purchased Power Adjustment shall be calculated separately for primary service and secondary service customers and shall reflect the changes in Montana-Dakota's cost of fuel and purchased power as compared to the cost of fuel and purchased power approved in its base rates plus the annual Surcharge Adjustment. The base fuel and purchased power cost shall be 2.024¢ per Kwh for primary service and 2.087¢ per Kwh for secondary service as established in the most recent general rate case.

b. The cost of fuel and purchased power shall be calculated separately for primary service customers and secondary service customers, and shall be the sum of the following costs for the most recent four month period, as allocated to North Dakota and to the primary and secondary customer classes:

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Case No.:



# 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

NDPSC Volume 4

1<sup>st</sup> Revised Sheet No. 42.2

Canceling Original Sheet No. 42.2

### FUEL CLAUSE AND PURCHASED POWER ADJUSTMENT Rate 58

Page 4 of 6

1. The cost of fossil and other fuels recorded in Account Nos. 501 and 547.
  2. The net cost of purchases and costs linked to the utility's load serving obligation associated with participation in wholesale electric energy and capacity markets and capacity purchases as recorded in Account No. 555.
  3. Regional Market Administration expenses recorded in Account No. 575.
  4. Less the cost of fuel and purchased power recovered from electric wholesale sales.
  5. Less 100 percent of the wholesale sales margin.
  6. Less the revenue from the sales of Renewable Energy Credits (RECs).
- c. The cost per Kwh for the month is the sum of 3(b) above divided by retail sales volumes for the most recent four month period for the primary and secondary service classes.

#### **4. Surcharge Adjustment:**

All sales rate schedules shall be subject to a Surcharge Adjustment to be effective on April 1 each year. The Surcharge Adjustment per Kwh sold shall reflect the amortization of the applicable balance in the Deferred Fuel Cost Account calculated by dividing the applicable balance by the estimated Kwh sales for the twelve months following the effective date of the adjustment.

a. The balance in the Deferred Fuel Cost Account (Account 182.3) includes:

1. The current month over or under recovery, determined as follows:
  - i. Montana-Dakota shall determine each month the unit cost for that month's fuel and purchased power.
  - ii. Montana-Dakota shall subtract from the month's unit cost the unit cost reflected in rates for that month.

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Case No.:



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## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
1<sup>st</sup> Revised Sheet No. 42.2  
Canceling Original Sheet No. 42.2

### FUEL CLAUSE AND PURCHASED POWER ADJUSTMENT Rate 58

Page 5 of 6

iii. The resulting difference (positive or negative) shall be multiplied by the Kwh's sold that month under each rate schedule.

2. Refunds from supplier(s) and market operators with respect to fuel and purchased power costs.
3. Carrying charges or credits at a rate equal to the three-month Treasury Bill rate as published monthly by the Federal Reserve Board.
4. The balance in the Deferred Fuel Cost Account shall be decreased each month by the amount of the Surcharge Adjustment multiplied by the Kwh sales for the month. The amount amortized shall be applied pro rata between the Deferred Fuel Cost Account and the interest balance.

#### **5. Other Adjustments:**

The amortization of the Margin Sharing Adjustment balance and the Deferred Generation costs shall be included in the Fuel and Purchased Power Adjustment on a per Kwh basis.

1. The balance in the Margin Sharing Adjustment as of the time final rates in Case No. PU-10-124 become effective shall be divided by projected annual sales volumes to determine the adjustment per Kwh. This adjustment will cease twelve months after final rates are effective and any remaining balance, whether positive or negative, shall be added (deducted) to the deferred account.
2. The amortization of the Deferred Generation costs pursuant to Case No. PU-09-731 shall reflect the amount approved by the Commission.

#### **6. Manner of Filing:**

The Company shall file a monthly statement showing the calculation of the Fuel and Purchased Power Adjustment with the Commission prior to implementing the monthly adjustment. The adjustment in rates shall be effective with service rendered on and after the first day of each month, unless the Commission shall otherwise order.

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Case No.:





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## State of North Dakota Electric Rate Schedule

NDPSC Volume 4  
1<sup>st</sup> Revised Sheet No. 42.2  
Canceling Original Sheet No. 42.2

### FUEL CLAUSE AND PURCHASED POWER ADJUSTMENT Rate 58

Page 6 of 6

#### 7. Fuel and Purchased Power Adjustment:

	<u>Primary</u>	<u>Secondary</u>
<u>Base Fuel</u>	<u>2.024¢</u>	<u>2.087¢</u>
<u>Fuel and Purchased Power Adjustment</u>	<u>(0.205)</u>	<u>(0.248)</u>
<u>Subtotal</u>	<u>1.819¢</u>	<u>1.839¢</u>
<u>Margin Sharing Adjustment</u>	<u>0.200</u>	<u>0.200</u>
<u>Deferred Generation</u>	<u>0.201</u>	<u>0.201</u>
<u>Total FPPA</u>	<u>2.220¢</u>	<u>2.240¢</u>

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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  
Original Sheet No.49

### TABLE OF CONTENTS GENERAL PROVISIONS Rate 100

Page 1 of 10

<u>Title</u>	<u>Page No.</u>
I. <u>Purpose</u>	<u>2</u>
II. <u>Definitions</u>	<u>2</u>
III. <u>General Terms and Conditions</u>	<u>3</u>
1. <u>Rules for Application of Electric Service</u>	<u>3-4</u>
2. <u>Consumer Deposits</u>	<u>4-5</u>
3. <u>Late Payment Charge</u>	<u>5</u>
4. <u>Returned Check Charge</u>	<u>5</u>
5. <u>Tax Clause</u>	<u>5-6</u>
6. <u>Utility Services Performed After Normal Business Hours</u>	<u>6</u>
7. <u>Reconnection Fee for Seasonal Customers</u>	<u>6</u>
8. <u>Discontinuance of Service for Nonpayment of Bill</u>	<u>6-7</u>
9. <u>Discontinuance of Service for Causes Other Than         <u>Nonpayment of Bills</u></u>	<u>7-8</u>
10. <u>Bill Discount for Qualifying Employees</u>	<u>8</u>
11. <u>Method of Computing Initial or Final Bills for Electric Service         <u>for Less Than a Full Monthly Billing Period</u></u>	<u>8</u>
12. <u>Selective Testing Plan for Meters</u>	<u>8</u>
13. <u>Billing Adjustments</u>	<u>8-9</u>
14. <u>Rules and Policies for Implementing Master Metering         <u>Restrictions</u></u>	<u>9-10</u>
15. <u>Modification of Rates, Rules and Regulations</u>	<u>10</u>

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No.49.1

---

### GENERAL PROVISIONS Rate 100

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Page 2 of 10

#### I. PURPOSE:

These rules are intended to define good practice which can normally be expected, but are not intended to exclude other accepted standards and practices not covered herein. They are intended to ensure adequate service to the public and protect the Company from unreasonable demands.

The Company undertakes to furnish service subject to the rules and regulations of the Public Service Commission of North Dakota (Commission) and as supplemented by these general provisions, as now in effect or as may hereafter be lawfully established, and in accepting service from the Company, each customer agrees to comply with and be bound by said rules and regulations and the applicable rate schedules. Also refer to Electric Service Rules & Regulations Rate 110.

#### II. DEFINITIONS:

The following terms used in this tariff shall have the following meanings, unless otherwise indicated:

APPLICANT – A customer requesting Company to provide service.

COMMISSION – Public Service Commission of the State of North Dakota.

COMPANY – Montana-Dakota Utilities Co.

CUSTOMER – Any individual, partnership, corporation, firm or other organization, or government agency supplied with service by Company at one location and at one point of delivery unless otherwise expressly in these rules or in a rate schedule.

RATE – Shall mean and include every compensation, charge, fare, toll, rental, and classification, or any of them, demanded, observed, charged or collected by the Company for any service, product, or commodity, offered by the Company to the public, and any rules, regulations, practices or contracts affecting any such compensation, charge, fare, toll, rental or classification.

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Case No.:



# 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  
Original Sheet No.49.2

---

### GENERAL PROVISIONS Rate 100

---

Page 3 of 10

#### III. GENERAL TERMS AND CONDITIONS:

##### 1. RULES FOR APPLICATION OF ELECTRIC SERVICE:

- i. Residential Electric Service is available to any residential customer for domestic purposes only. All normal sized equipment used for domestic lighting, heating, cooking and power, and used strictly for household purposes, may be supplied through one meter.
  - a. Residential service is defined as service for domestic general household purposes in space occupied as living quarters, designed for occupancy by one family. Typical service would include the following: separately metered units, such as single private residences, single apartments, mobile homes and sorority and fraternity houses (this is not an all-inclusive list). In addition, auxiliary buildings on the same premise as the living quarters, used for residential purposes, may be served on the residential rate. Where premise is defined as a contiguous parcel of land undivided by a dedicated street, alley, highway, or other public thoroughfare or railway.
  - b. Motors and other equipment which interfere with service to neighboring customers, all motors larger than 5 horsepower and temporary or seasonal loads totaling more than 25 kilowatts (Kw) will not be permitted on the Residential Electric Service Rate without prior Company approval.
  - c. Only single phase service is available under the Residential Electric Service Rate.
- i-ii. Three phase service shall be served under the appropriate General Electric Service Rate.
- iii. General Electric Service is defined as service provided to non-residential services, such as a business enterprise in space

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Effective Date:

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Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No.49.3

### GENERAL PROVISIONS Rate 100

Page 4 of 10

occupied and operated for nonresidential purposes. Typical service would include stores, offices, shops, restaurants, boarding houses, hotels, service garages, wholesale houses, filling stations, barber shops, beauty parlors, apartment houses with master metering exemptions, common areas of shopping malls or apartments (such as halls or basements), churches, elevators, schools and facilities located away from the home site (this is not an all-inclusive list).

- iv. If separate metering is not practical for a single unit (one premise) that is using electricity for both domestic purposes and for conducting business (or for nonresidential purposes), the customer will be billed under the predominate use policy. Under this policy, the customer's combined service is billed under the rate (Residential or General Electric Service) applicable to the type of service which constitutes 50% or more of the total connected load.
- v. Other classes of service furnished by the Company shall be defined in applicable rate schedules or in rules and regulations pertaining thereto. Service to customers for which no specific rate schedule is applicable shall be billed on the appropriate General Electric Service Rate.

#### 2. CONSUMER DEPOSITS:

The Company will determine whether or not a deposit shall be required of an applicant for electric service in accordance with Commission rules.

- i. The amount of such deposit shall not exceed an estimated 60 day service bill.
- ii. The Company may accept in lieu of a cash deposit a contract signed by a guarantor, satisfactory to the Company, whereby the payment of a specified sum not to exceed the required cash deposit is guaranteed. The term of such contract shall be indeterminate, but it shall automatically terminate when the customer gives notice of service discontinuance to the Company or a change in location covered by the guarantee agreement or 30

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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  
Original Sheet No.49.4

### GENERAL PROVISIONS Rate 100

Page 5 of 10

days after written request for termination is made to the utility by the guarantor. However, no agreement shall be terminated without the customer having made satisfactory settlement for any balance which the customer owes the Company. Upon termination of a guarantee contract, a new contract or a cash deposit may be required by the Company.

iii. A deposit shall earn interest at the rate paid by the Bank of North Dakota on a six-month certificate of deposit as of the first business day of each year. Interest shall be credited to the customer's account annually during the month of December.

iv. Deposits shall be refunded to customers at termination provided all billings for service have been paid. Deposits will be refunded to all active customers, after the deposit has been held for 12 months, provided a prompt payment record has been established.

#### 3. LATE PAYMENT CHARGE:

Bills will be considered past due if not paid by the due date shown on the bill. An amount equal to 1% per month will be applied to any unpaid balance existing at the immediate subsequent billing date.

#### 4. RETURNED CHECK CHARGE:

A charge of \$15.00 will be collected by the Company for each check charged back to the Company by a bank.

#### 5. TAX CLAUSE:

In addition to the charges provided for in the electric tariffs of the Company, there shall be charged pro rata amounts which, on an annual basis, shall be sufficient to yield to the Company the full amount of any sales, use or excise taxes, whether they be denominated as license taxes, occupation taxes, business taxes, privilege taxes, or otherwise, levied against or imposed upon the Company by any municipality, political subdivision, or other entity, for the privilege of conducting its utility operations therein.

The charges to be added to the customer's service bills under this clause

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Case No.:



# 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  
Original Sheet No.49.5

### GENERAL PROVISIONS Rate 100

Page 6 of 10

shall be limited to the customers within the corporate limits of the municipality, political subdivision or other entity imposing the tax.

#### 6. UTILITY SERVICES PERFORMED AFTER NORMAL BUSINESS HOURS:

For service requested by customers after the Company's normal business hours and on Saturday, Sunday, or legal holidays, a charge will be made for labor at standard overtime service rates and materials at retail prices.

Customers requesting service after the Company's normal business hours will be informed of the after hour service rate and encouraged to have the service performed during normal business hours.

#### 7. RECONNECTION FEE FOR SEASONAL CUSTOMERS:

A fee of \$20.00 will be collected for reconnecting electric service to any customer who has disconnected electric service at the same location during the preceding twelve-month period.

#### 8. DISCONTINUANCE OF SERVICE FOR NONPAYMENT OF BILL:

i. Pursuant to North Dakota Administrative Rules 69-09-02-05.1(1), the Company may disconnect service if the customer is delinquent in payment for service, and fails to pay for service or enter into a satisfactory installment agreement with the Company for payment within ten (10) days of the Company giving the customer written notice of the Company's intention to discontinue service on account of payment delinquency.

ii. All bills for service are due when rendered and will be considered delinquent if not paid by the due date shown on the bill. If any customer shall become delinquent in the payment of service bills, such service may be discontinued by the Company under the applicable rules of the Commission.

iii. If a customer's credit standing becomes unsatisfactory after a deposit has been refunded or if the deposit is inadequate to cover the estimated charge for furnishing service for a 60-day period, a

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Case No.:



# 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  
Original Sheet No.49.6

### GENERAL PROVISIONS Rate 100

Page 7 of 10

new or additional deposit may be required upon reasonable written notice by the Company.

iv. Pursuant to North Dakota Administrative Rules 69-09-02-05.1(10), the Company may not discontinue service to the Customer for nonpayment of a deposit.

v. The Company may collect a fee of \$20.00 before restoring electric service which has been discontinued for nonpayment of service bills, or where a Service Extender has been installed in lieu of full disconnection.

#### 9. DISCONTINUANCE OF SERVICE FOR CAUSES OTHER THAN NONPAYMENT OF BILLS:

The Company reserves the right to discontinue service for any of the following reasons:

i. In the event of customer use of equipment in such a manner as to adversely affect the Company's equipment or service to others.

ii. In the event of tampering with the equipment furnished and owned by the Company.

iii. For violation of or noncompliance with the Company's rules on file with the Commission.

iv. For failure of the customer to fulfill the contractual obligations imposed as conditions of obtaining service.

v. For refusal of reasonable access to property to the agent or employee of the Company for the purpose of inspecting the facilities or for testing, reading, maintaining or removing meters.

The right to discontinue service for any of the above reasons may be exercised whenever and as often as such reasons may occur, and any delay on the part of the Company in exercising such rights, or omission of any action permissible hereunder, shall not be deemed a waiver of its rights to exercise same.

Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:





# 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  
Original Sheet No.49.7

### GENERAL PROVISIONS Rate 100

Page 8 of 10

Nothing in these regulations shall be construed to prevent discontinuing service without advance notice for reasons of safety, health, cooperation with civil authorities, or fraudulent use, tampering with or destroying Company facilities.

The Company may collect a reconnect fee of \$20.00 before restoring electric service, which has been disconnected for the above causes.

#### 10. BILL DISCOUNT FOR QUALIFYING EMPLOYEES:

A bill discount may be available for residential use only in a single family unit served by Montana-Dakota Utilities Co. to qualifying employees and retirees of MDU Resources and its subsidiaries. The bill shall be computed at the applicable rate, and the amount reduced by 33 1/3%.

#### 11. METHOD OF COMPUTING INITIAL OR FINAL BILLS FOR ELECTRIC SERVICE FOR LESS THAN A FULL MONTHLY BILLING PERIOD:

Customer's meters are read as nearly as practicable at thirty day intervals. When service is begun or terminated at any location between regular meter reading dates, bills will be prorated on a daily basis, whenever the billing period is less than 27 calendar days or more than 35 calendar days. The minimum monthly bill, basic service charge, kilowatt hour blocks and demand charge provisions in all rate schedules will be prorated.

#### 12. SELECTIVE TESTING PLAN FOR METERS:

The electric meter population shall be tested in accordance with the Electric Meter Testing Program approved by the Commission.

#### 13. BILLING ADJUSTMENTS:

If a meter or billing error results from 1) an inaccurate meter; 2) an incorrect reading of the meter; 3) an incorrect application of a rate schedule; 4) an incorrect connection of the meter; 5) an application of an incorrect multiplier or constant; or 6) other similar errors affecting customer bills.

Date Filed:

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Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No.49.8

### GENERAL PROVISIONS Rate 100

Page 9 of 10

- i. If a Customer is underbilled, the Company may recalculate the bills and reissue corrected bills for service during the period of the error, up to a maximum period of six years from the date of the bill, with the exception of a meter equipment failure.
- ii. If a Customer is overbilled, the Company shall recalculate bills for errors resulting in overcharges up to a maximum of six years from the date of payment, with the exception of a meter equipment failure. In the case of a meter equipment failure, the Company may charge the Customer for a period equal to one-half the time elapsed since the last previous meter test, but not to exceed six months.

#### 14. RULES AND POLICIES FOR IMPLEMENTING MASTER METERING RESTRICTIONS:

- i. Any new commercial or residential building for which the physical labor involved in the erection of such building starts on or after November 1, 1980, if the said building contains more than one unit or contains facilities for multiple uses and the occupant of each unit or facility controls a portion of the electric energy used in the unit or facility.
- ii. Any substantially remodeled commercial or residential building for which the physical labor involved with the remodeling of the said building starts on or after November 1, 1980, if the said building contains more than one unit or contains facilities for multiple uses and the occupant of each unit or facility controls a portion of the electric energy used in the unit or facility.
- iii. This rule does not apply to hotels, motels, dormitories, nursing homes, homes for the elderly, facilities of a similar nature, or to low-income rental housing for which the cost of electricity is included in the rent, and for which the amount of the rental payment is based upon the tenant's ability to pay. Such buildings and facilities may be served by a master-meter.

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Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No.49.9

### GENERAL PROVISIONS Rate 100

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Page 10 of 10

- iv. Electric service to each unit or facility in a new or substantially remodeled building which is subject to this rule shall be provided in accordance with the applicable rate schedule for such service in the area in which the building is located.
  
- v. Electric service to buildings which are subject to this rule shall be on an individually-metered basis, unless the owner or builder of such building presents the Company with written evidence that the North Dakota Public Service Commission has approved master-metering of electric service to the building on the basis that the owners or contractors costs of purchasing and installing facilities for separate metering together with the Company costs of purchasing and installing separate meters exceed the long-term benefits resulting therefrom.

#### 15. MODIFICATION OF RATES, RULES AND REGULATIONS:

Company reserves the right to modify its rates, rules, and regulations or other provisions now or hereafter in effect, in any manner permitted by law.

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**Date Filed:**

**Effective Date:**

**Issued By:** Tamie A. Aberle  
Regulatory Affairs Manager

**Case No.:**



# 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  
Original Sheet No. 50

### ~~RULE GOVERNING DISCONTINUANCE OF SERVICE FOR NONPAYMENT OF BILL Rate 101~~

---

Page 1 of 1

~~All bills for service are due when rendered and will be considered delinquent if not paid by the due date shown on the bill. If any customer shall become delinquent in the payment of service bills, such service may be discontinued by the Company under the applicable rules of the Public Service Commission. The Company may collect a fee of \$20.00 before restoring electric service which has been discontinued for nonpayment of service bills, or where a Service Extender has been installed in lieu of full disconnection.~~

Reserved for future use

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**Date Filed:**

**Effective Date:**

**Issued By:** Tamie A. Aberle  
Regulatory Affairs Manager

**Case No.:**



# 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  
Original Sheet No. 51

### ~~RESIDENTIAL ELECTRIC SERVICE FOR PERMANENT EMPLOYEES Rate 102~~

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Page 1 of 1

**Available for:**

~~Residential use only in a single family unit served by Montana-Dakota Utilities Co. to a full time permanent employee who has been continuously employed by the Company at least six months and is the principal support of the household in which he resides, or is the spouse of the principal support.~~

**Rate:—**

~~The employee's bill shall be computed at the applicable rate, and the amount reduced by 33 1/3%.~~

Reserved for future use

---

**Date Filed:**

**Effective Date:**

**Issued By:** Tamie A. Aberle  
Regulatory Affairs Manager

**Case No.:**



# 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  
Original Sheet No. 53

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### CONSUMER DEPOSITS Rate 106

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Page 1 of 1

~~The Company will determine whether or not a deposit shall be required of an applicant for electric service in accordance with Commission rules.~~

- ~~a. The amount of such deposit shall not exceed an estimated 60 day service bill.~~
- ~~b. The Company may accept in lieu of a cash deposit a contract signed by a guarantor, satisfactory to the Company, whereby the payment of a specified sum not to exceed the required cash deposit is guaranteed. The term of such contract shall be indeterminate, but it shall automatically terminate when the customer gives notice of service discontinuance to the Company or a change in location covered by the guarantee agreement or 30 days after written request for termination is made to the utility by the guarantor. However, no agreement shall be terminated without the customer having made satisfactory settlement for any balance which the customer owes the Company. Upon termination of a guarantee contract, a new contract or a cash deposit may be required by the Company.~~

~~A deposit shall earn interest at the rate paid by the Bank of North Dakota on a six-month certificate of deposit as of the first business day of each year. Interest shall be credited to the customer's account annually during the month of December.~~

~~Deposits shall be refunded to customers at termination provided all billings for service have been paid. Deposits will be refunded to all active customers, after the deposit has been held for 12 months, provided a prompt payment record has been established. Reserved for future use~~

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Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 54

### **NOTICE TO DISCONTINUE ELECTRIC SERVICE Rate 107**

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Page 1 of 1

~~Customers desiring to have their electric service discontinued shall notify the Company during regular business hours, one business day before service is to be disconnected. Such notice shall be by letter, personal call or telephone call to the Company's local business office, in communities in which an office is maintained. In other communities such notice shall be given to the Company's representative who services the community or to the nearest business office. Saturdays, Sundays and legal holidays are not considered business days. Reserved for future use~~

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**Date Filed:**

**Effective Date:**

**Issued By:** Tamie A. Aberle  
Regulatory Affairs Manager

**Case No.:**



# 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  
Original Sheet No. 55

### ~~RECONNECTION FEE FOR SEASONAL CUSTOMERS Rate 108~~

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Page 1 of 1

~~A fee of \$20.00 will be collected for reconnecting electric service to any customer who has disconnected electric service at the same location during the preceding twelve-month period.~~ Reserved for future use

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**Date Filed:**

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Regulatory Affairs Manager

**Case No.:**





# 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  
Original Sheet No. 56

~~LATE PAYMENT CHARGE/RETURNED CHECK  
CHARGE Rate 109~~

---

Page 1 of 1

~~**Late Payment Charge:**~~

~~Bills will be considered past due if not paid by the due date shown on the bill. An amount equal to 1% per month will be applied to any unpaid balance existing at the immediate subsequent billing date.~~

~~**Returned Check Charge:**~~

~~A charge of \$10.00 will be collected by the Company for each check charged back to the Company by a bank. Reserved for future use~~

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**Date Filed:**

**Effective Date:**

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Pricing & Tariff Manager

**Case No.:**



# 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> Revised Sheet No. 58.20

Canceling Original Sheet No. 58.20

### **ELECTRIC SERVICE RULES AND REGULATIONS Rate 110**

Page 21 of 31

#### 602. Meter Installations

602.1 The Company will furnish all meters required for billing purposes.

It shall be the customer's responsibility to furnish, install and maintain the meter mounting device. Company approved specifications for electric meter sockets and metering transformer enclosures are listed below:

#### Self-Contained Meter Sockets – Single-Phase, Three-Phase and Multiple Position Type

1. U.L. approved, ringless style.
2. 100 ampere minimum for overhead service installations. ~~Lay-in connectors can be used, up to 150 amperes.~~
3. 150 ampere minimum for underground service installations, ~~with stud-type connectors.~~
4. Equipped with a fifth terminal in the nine o'clock position where network metering is required.
5. A lever by-pass feature is required for all commercial and industrial installations. Upon review by Company, an exemption may be provided.
6. A lever by-pass feature is recommended for all residential installations.

#### Metering Transformer Rated Meter Socket

1. U.L. approved, ringless style with a one piece cover.
2. Minimum size must provide space for test switch installation and phase shifting transformer where required.
3. Socket must have six terminals for single phase and 13 terminals for all other configurations.
4. Automatic by-pass feature is not acceptable.
5. Consult with Company prior to purchasing any instrument rated socket.

#### Metering Transformer Enclosure (Secondary Service)

1. Recommend a durable, weather-resistant finish and weatherproof seal.
2. Must be provided with hinge-type cover and provisions to attach locking or sealing device.
3. Minimum size 10" x 24" x 30" with suitable mounting brackets for current and voltage transformers.
4. Consult with Company prior to purchasing any metering transformer enclosure.

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Regulatory Affairs Manager

**Case No.:**



# 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  
Original Sheet No. 61

~~METHOD OF COMPUTING INITIAL OR FINAL BILLS FOR  
ELECTRIC SERVICE FOR LESS THAN A FULL MONTHLY  
BILLING PERIOD Rate 113~~

---

Page 1 of 1

~~Customers meters are read as nearly as practicable at thirty-day intervals. When service is begun or terminated at any location between regular meter reading dates, bills will be prorated on a daily basis, whenever the billing period is less than 27 calendar days or more than 35 calendar days. The minimum monthly bill, base rate, kilowatt hour blocks and demand charge provisions in all rate schedules will be prorated.~~Reserved for future use

---

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Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 62

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### **RULES FOR APPLICATION OF ELECTRIC SERVICE Rate 114**

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Page 1 of 2

1. ~~Residential Electric Service is available to any residential customer for domestic purposes only. All normal sized equipment used for domestic lighting, heating, cooking and power, and used strictly for household purposes, may be supplied through one meter.~~
  - a. ~~Residential service is defined as service for domestic general household purposes in space occupied as living quarters, designed for occupancy by one family. Typical service would include the following: separately metered units, such as single private residences, single apartments, mobile homes and sorority and fraternity houses (this is not an all-inclusive list). In addition, auxiliary buildings on the same premise as the living quarters, used for residential purposes, may be served on the residential rate.~~
  - b. ~~Motors and other equipment which interfere with service to neighboring customers, all motors larger than 5 horsepower and temporary or seasonal loads totaling more than 25 kilo-watts (Kw) will not be permitted on the Residential Electric Service Rate without prior Company approval.~~
  - c. ~~Only single phase service is available under the Residential Electric Service Rate.~~
2. ~~Three phase service shall be served under the appropriate General Electric Service Rate.~~
3. ~~General Electric Service is defined as service provided to nonresidential services, such as a business enterprise in space occupied and operated for nonresidential purposes. Typical service would include stores, offices, shops, restaurants, boarding houses, hotels, service garages, wholesale houses, filling stations, barber shops, beauty parlors, apartment houses with master metering exemptions, common areas of shopping malls or apartments (such as halls or basements), churches, elevators, schools and facilities located away from the home site (this is not an all-inclusive list).~~

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Regulatory Affairs Manager

**Case No.:**



# 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  
Original Sheet No. 62.1

### RULES FOR APPLICATION OF ELECTRIC SERVICE Rate 114

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Page 2 of 2

4. ~~If separate metering is not practical for a single unit (one premise) that is using electricity for both domestic purposes and for conducting business (or for nonresidential purposes), the customer will be billed under the predominate use policy. Under this policy, the customer's combined service is billed under the rate (Residential or General Electric Service) applicable to the type of service which constitutes 50% or more of his total connected load.~~
5. ~~Other classes of service furnished by the Company shall be defined in applicable rate schedules or in rules and regulations pertaining thereto. Service to customers for which no specific rate schedule is applicable shall be billed on the appropriate General Electric Service Rate.~~ Reserved for future use

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Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 67

~~TAX CLAUSE Rate 130~~

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Page 1 of 1

~~In addition to the charges provided for in the electric tariffs of the Company there shall be charged pro rata amounts which on an annual basis shall be sufficient to yield to the Company the full amount of any excise taxes, whether they be denominated as license taxes, occupation taxes, business taxes, privilege taxes, or otherwise, levied against or imposed upon the Company by any municipality or other political subdivision for the privilege of conducting its utility operations therein.~~

~~The charges to be added to the customers' service bills under this clause shall be limited to the customers within the corporate limits of the municipality or other political subdivision imposing the tax.~~

Reserved for future use

---

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Regulatory Affairs Manager

**Case No.:**



# 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  
Original Sheet No. 70

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### ~~RULES AND POLICIES FOR IMPLEMENTING MASTER METERING RESTRICTIONS Rate 133~~

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Page 1 of 2

- ~~1. These rules apply to electric service to:
  - ~~a. Any new commercial or residential building for which the physical labor involved in the erection of such building starts on or after November 1, 1980, if the said building contains more than one unit or contains facilities for multiple uses and the occupant of each unit or facility controls a portion of the electric energy used in the unit or facility.~~
  - ~~b. Any substantially remodeled commercial or residential building for which the physical labor involved with the remodeling of the said building starts on or after November 1, 1980, if the said building contains more than one unit or contains facilities for multiple uses and the occupant of each unit or facility controls a portion of the electric energy used in the unit or facility.~~~~
- ~~2. This rule does not apply to hotels, motels, dormitories, nursing homes, homes for the elderly, facilities of a similar nature, or to low-income rental housing for which the cost of electricity is included in the rent, and for which the amount of the rental payment is based upon the tenant's ability to pay. Such buildings and facilities may be served by a master meter.~~
- ~~3. Electric service to each unit or facility in a new or substantially remodeled building which is subject to this rule shall be provided in accordance with the applicable rate schedule for such service in the area in which the building is located.~~
- ~~4. Electric service to buildings which are subject to this rule shall be on an individually metered basis, unless the owner or builder of such building presents the Company with written evidence that the North Dakota Public Service Commission has approved master metering of electric service to the building on the basis that the owners or contractors costs of purchasing and installing facilities for separate metering together with the Company costs of purchasing and installing separate meters exceed the long-term benefits resulting therefrom.~~

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Date Filed:

Effective Date:

Issued By: Tamie A. Aberle  
Regulatory Affairs Manager

Case No.:



# 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  
Original Sheet No. 70.1

### **RULES AND POLICIES FOR IMPLEMENTING MASTER METERING RESTRICTIONS Rate 133**

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Page 2 of 2

- ~~5. All other rules and regulations of the Company which govern electrical service in North Dakota and which do not conflict with the provisions of this rule shall apply to electric service provided to new and existing buildings which are subject to this rule. The customer is responsible for ascertaining and complying with all applicable rules and regulations of any governmental authority having jurisdiction over the subject matter of this rule.~~

Reserved for future use

---

**Date Filed:**

**Effective Date:**

**Issued By:** Tamie A. Aberle  
Regulatory Affairs Manager

**Case No.:**



# Attachment B

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
Summary of Charges - Final Rate PU-10-124

Rate Class	Base Rate	Energy Charges		Base Fuel	Total Energy		Demand Charges			
		Summer	Winter		Summer	Winter	0-10 Kw		> 10 Kw	
							Summer	Winter	Summer	Winter
<b>Residential</b>										
Rate 10	\$0.35									
1st 750		\$0.05304	\$0.05304	\$0.02087	\$0.07391	\$0.07391				
Over 750		0.05304	0.02304	0.02087	0.07391	0.04391				
Thermal Storgae Rate 13	\$0.45									
1st 750			\$0.05304	\$0.02087		\$0.07391				
Over 750			0.02304	0.02087		0.04391				
Off Peak 10 p.m.-8 a.m. (W)			0.00804	0.02087		0.02891				
All Kwh - Summer		0.05304		0.02087	0.07391					
TOD Rate 16	0.45									
Off Peak		0.02304	0.02304	0.02087	0.04391	0.04391				
On Peak		0.10398	0.07398	0.02087	0.12485	0.09485				
<b>Small General Service</b>										
Rate 20	0.70									
1st 750		0.06147	0.06147	0.02087	0.08234	0.08234				
Over 750		0.06147	0.02304	0.02087	0.08234	0.04391				
Irrigation Rate 25	0.65	0.01209	0.01209	0.02087	0.03296	0.03296	2.75	1.25	2.75	1.25
TOD Rate 26	0.80									
Off Peak		0.02304	0.02304	0.02087	0.04391	0.04391				
On Peak		0.11385	0.07385	0.02087	0.13472	0.09472				
Municipal Rate 40										
Non- Demand	0.65									
1st 750		0.03868	0.03868	0.02087	0.05955	0.05955				
Over 750		0.03868	0.02802	0.02087	0.05955	0.04889				
Demand	0.75						8.25	0.00	8.25	6.25
1st 750		0.01302	0.01302	0.02087	0.03389	0.03389				
Over 750		0.01302	0.01302	0.02087	0.03389	0.03389				
<b>Large General Service</b>										
Rate 30 Primary Service	95.00	0.02296	0.02296	0.02024	0.04320	0.04320	9.25	6.25	9.25	6.25
Rate 30 Secondary Service	45.00	0.02376	0.02376	0.02087	0.04463	0.04463	11.25	8.25	11.25	8.25
TOD Rate 31										
Primary Service	97.00									
Off Peak		0.00793	0.00793	0.02024	0.02817	0.02817	0.00	0.00	0.00	0.00
On Peak		0.03793	0.02793	0.02024	0.05817	0.04817	10.50	7.50	10.50	7.50
Secondary Service	47.00									
Off Peak		0.00793	0.00793	0.02087	0.02880	0.02880	0.00	0.00	0.00	0.00
On Peak		0.03793	0.02793	0.02087	0.05880	0.04880	13.50	9.50	13.50	9.50
Space Heating Rate 32										
Primary Service	15.00	0.02796	0.02796	0.02024	0.04820	0.04820	9.25	0.00	9.25	0.00
Secondary Service	15.00	0.02876	0.02876	0.02087	0.04963	0.04963	11.25	0.00	11.25	0.00
Demand Resp Rate 38	Contract	0.02126	0.02126	0.02024	0.04150	0.04150	6.25	3.25	6.25	3.25
<b>Municipal Lighting - Rate 41</b>										
Primary Service		0.05008	0.05008	0.02024	0.07032	0.07032				
Secondary Service		0.05508	0.05508	0.02087	0.07595	0.07595				
<b>Municipal Pumping - Rate 48</b>										
Primary Service	12.00	0.02061	0.02061	0.02024	0.04085	0.04085	5.50	3.00	5.50	3.00
Secondary Service	10.00	0.02166	0.02166	0.02087	0.04253	0.04253	7.00	5.00	7.00	5.00
<b>Outdoor Lighting - Rate 52</b>										
Primary Service		0.06288	0.06288	0.02024	0.08312	0.08312				
Secondary Service		0.06694	0.06694	0.02087	0.08781	0.08781				

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

**Allocation of Revenues  
Projected 2010**

**Projected 2010 Billing Determinants and Revenues**

<b>Customer Class</b>	<b>Customers</b>	<b>Kwh</b>	<b>KW</b>	<b>Base Rate</b>	<b>Energy</b>	<b>Demand</b>	<b>Fuel Rev</b>	<b>Total</b>	<b>Revenue Increase</b>	
									<b>\$</b>	<b>%</b>
Residential Service	62,489	621,493,423		\$4,154,798	\$28,719,034	\$0	\$12,927,064	\$45,800,896	\$3,200,761	7.0%
Small General Service	8,942	102,645,326	16,689.6	2,201,261	4,223,313	54,143	2,135,023	8,613,740	631,293	7.3%
General Service	3,053	797,132,225	2,378,794.5	1,382,808	15,885,892	19,080,562	16,554,501	52,903,763	3,546,023	6.7%
Municipal Lighting	480	20,178,381			993,511		419,710	1,413,221	96,566	6.8%
Municipal Pumping	306	30,362,442	114,276.6	38,153	646,642	382,794	631,539	1,699,128	104,344	6.1%
Outdoor Lighting Service	488	6,041,428			368,824		125,662	494,486	35,936	7.3%
<b>Total North Dakota Electric</b>	<b>75,758</b>	<b>1,577,853,225</b>	<b>\$2,509,761</b>	<b>\$7,777,020</b>	<b>\$50,837,216</b>	<b>\$19,517,499</b>	<b>\$32,793,499</b>	<b>\$110,925,234</b>	<b>\$7,614,923</b>	<b>6.9%</b>

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

**Allocation of Revenues  
Projected 2010 - Final Rates Case No. PU-10-124**

Rate Class	Projected 2010 Billing Determinants and Revenues								Base Fuel Reallocation 1/	Allocation Of Non-Fuel At Overall Increase 2/	Rate Design Results	
	Bill Determinants	Kwh	KW	Base Rate	Energy	Demand	Fuel Rev	Total			Revenue Increase \$	%
Residential Service												
Rate 10	62,930	621,251,041		\$4,153,286	\$28,711,156		12,922,022	\$45,786,464	\$12,965,509	\$3,197,594	\$3,199,847	7.0%
Rate 16	12	242,382		1,512	7,878		5,042	14,432	5,059	914	914	6.3%
Total Residential	62,942	621,493,423		4,154,798	28,719,034		12,927,064	45,800,896	12,970,568	\$3,198,508	3,200,761	7.0%
Small General Service												
Rate 20	8,857	97,452,603		2,127,143	4,098,593		2,027,014	8,252,750	2,033,836	606,448	606,718	7.4%
Rate 26	4	115,059		1,056	2,702		2,393	6,151	2,401	366	323	5.3%
Subtotal	8,861	97,567,662		2,128,199	4,101,295		2,029,407	8,258,901	2,036,237	606,814	607,041	7.4%
Rate 25	36	772,957	5,972.7	4,320	16,449	8,046	16,078	44,893	16,132	2,805	2,807	6.3%
Rate 40	347	4,304,707	10,716.9	68,742	105,569	46,097	89,538	309,946	89,839	21,464	21,445	6.9%
Total Small General	9,244	102,645,326	16,689.6	2,201,261	4,223,313	54,143	2,135,023	8,613,740	2,142,208	631,083	631,293	7.3%
Large General Service												
Rate 30 Primary	27	93,081,145	236,785.0	29,160	1,816,944	1,496,230	1,936,088	5,278,422	1,883,962	331,017		
Rate 30 Secondary	3,047	580,503,947	1,755,628.6	1,279,740	11,801,645	16,262,422	12,074,482	41,418,289	12,115,117	2,857,551		
Rate 31	32	7,917,529	52,690.2	14,208	217,433	140,419	164,685	536,745	165,239	36,228		
Rate 32	320	37,962,671	167,766.6	38,400	771,776	254,084	789,623	1,853,883	792,277	103,524		
Subtotal	3,426	719,465,292	2,212,870	1,361,508	14,607,798	18,153,155	14,964,878	49,087,339	14,956,595	3,328,320	3,327,291	6.8%
Rate 30 Contract Rates	3	55,840,133	111,377.8	2,340	890,290	678,410	1,161,475	2,732,515	1,130,204	156,252	156,090	5.7%
Rate 38	2	17,883,900	43,683.3	15,360	324,836	224,555	346,136	910,887	361,971	53,529	53,563	5.9%
Rate 39	1	3,942,900	10,863.0	3,600	62,968	24,442	82,012	173,022	79,804	9,090	9,079	5.2%
Total Large General	3,432	797,132,225	2,378,794.5	1,382,808	15,885,892	19,080,562	16,554,501	52,903,763	16,528,574	3,547,191	3,546,023	6.7%
Municipal Lighting												
Rate 41 Primary	50	1,808,185			73,629		37,610	111,239				
Rate 41 Secondary	832	18,370,196			919,882		382,100	1,301,982				
Total Municipal Lighting	882	20,178,381	0.0	0	993,511	0	419,710	1,413,221	419,984	96,857	96,566	6.8%
Municipal Pumping												
Rate 48 Primary	3	8,692,767	26,187.9	389	182,548	54,398	180,810	418,145				
Rate 48 Secondary	325	21,669,675	88,088.7	37,764	464,094	328,396	450,729	1,280,983				
Total Municipal Pumping	328	30,362,442	114,276.6	38,153	646,642	382,794	631,539	1,699,128	628,188	104,435	104,344	6.1%
Outdoor Lighting Service												
Rate 52 Primary	2	16,191			923		337	1,260				
Rate 52 Secondary	2,801	6,025,237			367,901		125,325	493,226				
Total Outdoor Lighting	2,803	6,041,428	0.0	0	368,824	0	125,662	494,486	126,075	35,926	35,936	7.3%
<b>Total North Dakota Electric</b>	<b>79,631</b>	<b>1,577,853,225</b>	<b>2,509,760.7</b>	<b>\$7,777,020</b>	<b>\$50,837,216</b>	<b>\$19,517,499</b>	<b>\$32,793,499</b>	<b>\$110,925,234</b>	<b>\$32,815,597</b>	<b>\$7,614,000</b>	<b>\$7,614,923</b>	<b>6.9%</b>

1/ Base Fuel based on primary/secondary fuel charges

2/ Increase based on percentage change in non-fuel revenues with residential allocation reduced by \$3,000 to correspond to total increase stated in Settlement. 9.751678%

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

**Derivation of Rate and Reconciliation  
Residential Electric Service Rate 10  
Projected 2010 - Final Rates Case No. PU-10-124**

Residential Service	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate - Rate 10</b>	62,928	\$5.50 per month	\$4,153,248	\$10.64 per month 0.35 per day	\$8,034,647
Rate 95	2	1.60 per month	38	1.60 per month	38
<b>Energy</b>					
Summer	180,678,441	\$0.05527 per Kwh	9,986,097	\$0.05304 per Kwh	9,583,185
Winter					
First 750	275,071,323	\$0.05527 per Kwh	15,203,192	0.05304 per Kwh	14,589,783
Over 750	165,501,277	0.02128 per Kwh	3,521,867	0.02304 per Kwh	3,813,149
Subtotal	440,572,600		18,725,059		18,402,932
Total Energy	621,251,041		28,711,156		27,986,117
<b>Base Fuel</b>	621,251,041	\$0.02080 per Kwh	12,922,022	\$0.02087 per Kwh	12,965,509
Total Rate 10			<u>\$45,786,464</u>		<u>\$48,986,311</u>
Total Revenues Per Design					\$48,986,311
Target Revenues					<u>48,984,058</u>
Difference					<u>\$2,253</u>

**Derivation of Rate:**

Pro Forma Revenues	Projected	\$45,786,464
Pro Forma Revenue Increase		3,197,594
Total Revenue Requirement		<u>\$48,984,058</u>
Less:		
Proposed Base Rate Revenues		8,034,685
Projected Base Fuel		12,965,509
Winter Rate >750 differential (\$0.03000) 165,501,277 Kwh		<u>(4,965,038)</u>
Subtotal		16,035,156
Net to be Collected Through Energy		\$32,948,902
Total Kwh		621,251,041
Summer Rate per Kwh		\$0.05304
Winter Rate Per Kwh - 1st 750 Kwh		\$0.05304
Winter Rate - Over 750 Kwh		\$0.02304

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

**Derivation of Rate  
Residential Thermal Storage Rate 13  
Projected 2010 - Final Rates Case No. PU-10-124**

**Rate 10**

	Base	Fuel	Total
Winter			
1st 750	\$0.05304	\$0.02087	\$0.07391
Over 750	0.02304	0.02087	0.04391
Summer	\$0.05304	\$0.02087	\$0.07391

**Rate 13 - 1 Meter**

	Base	Fuel	Total
Winter			
On- 1st 750	\$0.05304	\$0.02087	\$0.07391
On- Over 750	0.02304	0.02087	0.04391
Off (Over 750 less 1.5¢)	0.00804	0.02087	0.02891
Summer	\$0.05304	\$0.02087	\$0.07391

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

**Derivation of Rate and Reconciliation  
Residential Electric TOD Service Rate 16  
Projected 2010 - Final Rates Case No. PU-10-124**

Residential Service	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>	12	\$10.50 per month	\$1,512	\$13.68 per month \$0.45 per day	\$1,970
<b>Energy</b>					
Summer					
On-Peak Kwh	8,818	\$0.11017 per Kwh	971	\$0.10398 per Kwh	917
Off Peak Kwh	29,910	0.02128 per Kwh	636	0.02304 per Kwh	689
Subtotal	38,728		1,607		1,606
Winter					
On-Peak Kwh	39,627	\$0.07017 per Kwh	2,781	\$0.07398 per Kwh	2,932
Off Peak Kwh	164,027	0.02128 per Kwh	3,490	0.02304 per Kwh	3,779
Subtotal	203,654		6,271		6,711
Total Energy	242,382		7,878		8,317
<b>Base Fuel</b>	242,382	\$0.02080 per Kwh	5,042	\$0.02087 per Kwh	5,059
<b>Total Rate 16 Revenues</b>			<u>\$14,432</u>		<u>\$15,346</u>
<b>Total Revenues Per Design</b>					\$15,346
<b>Target Revenues</b>					<u>15,346</u>
<b>Difference</b>					<u>\$0</u>

**Derivation of Rate:**

	<u>Projected</u>
Pro Forma Revenues	\$14,432
Pro Forma Revenue Increase	914
Total Revenue Requirement	<u>\$15,346</u>
Less:	
Proposed Base Rate Revenues	1,970
Projected Base Fuel	5,059
Off Peak set equal to Rate 10 Winter Off-Peak	4,468
Summer On-Peak Differential     \$0.03000     8,818 Kwh	265
	<u>11,762</u>
Net to be Collected Through Energy	\$3,584
Total On-Peak Kwh	48,445
Winter On-Peak Rate	\$0.07398
Summer On-Peak	\$0.10398

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Small General Electric Service Rate 20  
Projected 2010 - Final Rates Case No. PU-10-124

Small General Service	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>	8,850	\$20.00 per month	\$2,124,000	\$21.28 per month	\$2,259,936
Non-Metered Charges	7		3,143		3,143
				\$0.70 per day	
<b>Energy</b>					
Summer	28,285,618	\$0.05486 per Kwh	1,551,749	\$0.06147 per Kwh	1,738,717
Winter					
First 750 Kwh	32,012,206	\$0.05486 per Kwh	1,756,190	0.06147 per Kwh	1,967,790
Over 750 Kwh	37,154,779	0.02128 per Kwh	790,654	0.02304 per Kwh	856,046
Subtotal	69,166,985		2,546,844		2,823,836
Total Energy	97,452,603				
<b>Base Fuel</b>	97,452,603	\$0.02080 per Kwh	2,027,014	\$0.02087 per Kwh	2,033,836
Total Rate 20 Revenues	97,452,603		<u>\$8,252,750</u>		<u>\$8,859,468</u>
Total Revenues Per Design					\$8,859,468
Target Revenues					8,859,198
Difference					<u>\$270</u>

**Derivation of Rate:**

	Projected
Pro Forma Revenues	\$8,252,750
Pro Forma Revenue Increase	606,448
Total Revenue Requirement	\$8,859,198
Less:	
Proposed Base Rate Revenues	2,263,079
Projected Base Fuel	2,033,836
Winter Rate > 750 - set equal to Rate 10	856,046
Subtotal	5,152,961
Net to be Collected Through Energy	\$3,706,237
Total Kwh less Winter > 750 Kwh	60,297,824
Summer Rate per Kwh	\$0.06147
Winter Rate Per Kwh - 1st 750 Kwh	\$0.06147



MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Irrigation Power Service Rate 25  
Projected 2010 - Final Rates Case No. PU-10-124

Irrigation Power Service	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>	36	\$10.00 per month	\$4,320	\$19.76 per month \$0.65 per day	\$8,536
<b>Energy</b>	772,957	\$0.02128 per Kwh	16,449	\$0.01209 per Kwh	9,345
<b>Demand</b>					
Summer	4,147.3	\$1.50 per KW	6,221	\$2.75 per KW	11,405
Winter	1,825.4	1.00 per KW	1,825	1.25 per KW	2,282
Total Demand			8,046		13,687
Base Fuel	772,957	\$0.02080 per Kwh	\$16,078	\$0.02087 per Kwh	\$16,132
Total Revenue			<u>\$44,893</u>		<u>\$47,700</u>
Total Revenues Per Design					\$47,700
Target Revenues					<u>47,698</u>
Difference					<u>(\$2)</u>

**Derivation of Rate:**

Pro Forma Revenues	\$44,893
Pro Forma Revenue Increase	<u>2,805</u>
Total Revenue Requirement	\$47,698
Less:	
Proposed Base Rate Revenues	8,536
Proposed Demand Charge Revenues	13,687
Projected Base Fuel	<u>16,132</u>
Subtotal	38,355
Net to be Collected Through Energy	9,343
Total Kwh Sales	772,957
Proposed Energy Charge	\$0.01209

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Small General Optional Time-of-Day Electric Service Rate 26  
Projected 2010 - Final Rates Case No. PU-10-124

Small General Optional TOD Service	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>	4	\$22.00 per month	\$1,056	\$24.32 per month \$0.80 per day	\$1,167
<b>Energy</b>					
Summer					
On-Peak Kwh	972	\$0.11209 per Kwh	109	\$0.11385 per Kwh	111
Off Peak Kwh	44,093	0.02128 per Kwh	938	\$0.02304 per Kwh	1,016
Subtotal	45,065		1,047		1,127
Winter					
On-Peak Kwh	3,261	\$0.07209 per Kwh	235	\$0.07385 per Kwh	241
Off Peak Kwh	66,733	0.02128 per Kwh	1,420	\$0.02304 per Kwh	1,538
Subtotal	69,994		1,655		1,779
Total Energy	115,059		2,702		2,906
<b>Base Fuel</b>	115,059	0.02080 per Kwh	2,393	0.02087 per Kwh	2,401
<b>Total Rate 26 Revenues</b>			<u>\$6,151</u>		<u>\$6,474</u>
<b>Total Revenues Per Design</b>					\$6,474
<b>Target Revenues</b>					<u>6,517</u>
<b>Difference</b>					<u>(\$43)</u>

**Derivation of Rate:**

Pro Forma Revenues	\$6,151
Pro Forma Revenue Increase	366
Total Revenue Requirement	<u>\$6,517</u>
Off-Peak set equal to Rate 20 > 750 Kwh	\$0.02304
Winter On-Peak Differential	0.05081
Summer On-Peak Differential	0.09081

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

**Derivation of Rate and Reconciliation  
Large General Electric Service Rate 30  
Projected 2010 - Final Rates Case No. PU-10-124**

Large General Service 30 & 32	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>					
Primary Service Rate 30	27	\$90.00 per month	\$29,160	\$95.00 per month	\$30,780
Secondary Service Rate 30	3,047	35.00 per month	1,279,740	45.00 per month	1,645,380
Primary Service Rate 32	1	10.00 per month	\$120	15.00 per month	180
Secondary Service Rate 32	319	10.00 per month	38,280	15.00 per month	57,420
Total Base Rate	3,074		1,347,300		1,733,760
<b>Energy</b>					
Primary Service - Rate 30	93,081,145	\$0.01952 per Kwh	1,816,944	\$0.02296 per Kwh	2,137,143
Primary Service - Rate 32	6,222	0.01952 per Kwh	121	\$0.02796 per Kwh	174
Subtotal	93,087,367		1,817,065		2,137,317
Secondary Service - Rate 30	580,503,947	\$0.02033 per Kwh	11,801,645	\$0.02376 per Kwh	13,792,774
Secondary Service - Rate 32	37,956,449	0.02033 per Kwh	771,655	\$0.02876 per Kwh	1,091,627
Subtotal	618,460,396		12,573,300		14,884,401
Total Energy	711,547,763		14,390,365		17,021,718
<b>Demand</b>					
Primary Service - Summer	84,053.9	\$8.254 per Kw	693,781	\$9.25 per Kw	777,499
Primary Service - Winter	152,731.1	5.254 per Kw	802,449	6.25 per Kw	954,569
Primary Service W-Rate 32	43.4	0.000 per Kw	0	0.00 per Kw	0
Subtotal	236,828.4		1,496,230		1,732,068
Secondary Service - Summer	630,682.0	\$11.224 per Kw	7,078,775	\$11.25 per Kw	7,095,173
Secondary Service - Winter	1,147,584.2	8.224 per Kw	9,437,732	8.25 per Kw	9,467,570
Secondary Service W-Rate 32	145,085.6	0.000 per Kw	0	0.00 per Kw	0
Subtotal	1,923,351.8		16,516,507		16,562,743
Total Demand	2,160,180.2		18,012,737		18,294,811
<b>Base Fuel</b>					
Primary Service- Rate 30	93,081,145	\$0.02080 per Kwh	1,936,088	\$0.02024 per Kwh	1,883,962
Primary Service- Rate 32	6,222	0.02080 per Kwh	129	0.02024 per Kwh	126
Secondary Service- Rate 30	580,503,947	0.02080 per Kwh	12,074,482	0.02087 per Kwh	12,115,117
Secondary Service- Rate 32	37,956,449	0.02080 per Kwh	789,494	0.02087 per Kwh	792,151
Total Base Fuel	711,547,763		14,800,193		14,791,356
Total Rate 30/32 Revenue			<u>\$48,550,595</u>		<u>\$51,841,645</u>
Total Revenues Per Design					
Primary- Rate 30					\$5,783,953
Secondary - Rate 30					44,116,014
Rate 32					1,941,678
Total					51,841,645
Target Revenues					51,842,686
Difference					<u>(\$1,041)</u>

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

**Derivation of Rate and Reconciliation  
Large General Electric Service Rate 30  
Projected 2010 - Final Rates Case No. PU-10-124**

**Derivation of Rate:**

Pro Forma Revenues (Rates 30 and 32)			\$48,550,594
Pro Forma Revenue Increase (Rates 30 and 32)			3,292,092
Total Revenue Requirement			<u>\$51,842,686</u>
Less:			
Proposed Base Rate Revenues			1,733,760
Proposed Demand Revenues			18,294,811
Secondary Energy Differential	\$0.00080	618,460,396 Kwh	494,768
Rate 32 Energy Differential	\$0.00500	37,962,671 Kwh	189,813
Projected Base Fuel			<u>14,791,356</u>
Subtotal			<u>35,504,508</u>
Net to be Collected Through Energy			<u>\$16,338,178</u>
Total Kwh Sales			711,547,763
Proposed Energy Charges:			
Rate 30- Primary			\$0.02296
Rate 30- Secondary			\$0.02376
Rate 32- Primary			\$0.02796
Rate 32- Secondary			\$0.02876

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Large Time-of-Day Electric Service Rate 31  
Projected 2010 - Final Rates Case No. PU-10-124

Large General TOD Service (Rate 31)	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>					
Primary Service	0	\$92.00 per month	\$0	\$97.00 per month	\$0
Secondary Service	32	37.00 per month	14,208	47.00 per month	18,048
Total Base Rate	32		14,208		18,048
<b>Energy</b>					
Summer Secondary Service					
Off-Peak	2,055,786	\$0.02537 per Kwh	52,155	\$0.00793 per Kwh	16,302
On-Peak	828,263	0.04537 per Kwh	37,578	\$0.03793 per Kwh	31,416
Total Summer	2,884,049		89,733		47,718
Winter Secondary Service					
Off-Peak	3,654,573	\$0.02537 per Kwh	92,717	\$0.00793 per Kwh	28,981
On-Peak	1,378,907	0.02537 per Kwh	34,983	\$0.02793 per Kwh	38,513
Total Winter	5,033,480		127,700		67,494
Total Energy	7,917,529		217,433		115,212
<b>Demand</b>					
Summer Secondary Service					
Off-Peak	10,731.6	\$0.00 per KW	0	\$0.00 per KW	0
On-Peak	9,408.1	7.50 per KW	70,561	13.50 per KW	127,009
Total Summer Demand	20,139.7		70,561		127,009
Winter Secondary Service					
Off-Peak	17,026.6	\$0.00 per KW	0	\$0.00 per KW	0
On-Peak	15,523.9	4.50 per KW	69,858	9.50 per KW	147,477
	32,550.5		69,858		147,477
Total Demand	52,690.2		140,419		274,486
<b>Base Fuel</b>	7,917,529	\$0.02080 per Kwh	164,685	0.02087 per Kwh	165,239
Total Rate 31 Revenue			<u>\$536,745</u>		<u>\$572,985</u>
Total Revenues Per Design					\$572,985
Target Revenues					572,973
Difference					<u>\$12</u>

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Large Time-of-Day Electric Service Rate 31  
Projected 2010 - Final Rates Case No. PU-10-124

**Derivation of Rate:**

Pro Forma Revenues				\$536,745
Pro Forma Revenue Increase				36,228
Total Revenue Requirement				<u>\$572,973</u>
Less:				
Proposed Base Rate Revenues				18,048
Proposed Demand Revenues				274,486
Secondary Energy Differential	\$0.00000	0	Kwh	0
On-Peak Summer Energy Differential	0.03000	828,263	Kwh	24,848
On-Peak Winter Energy	0.02000	1,378,907	Kwh	27,578
Projected Base Fuel				<u>165,239</u>
Subtotal				510,199
Net to be Collected Through Energy				\$62,774
Total Kwh Sales				7,917,529
Proposed Energy Charges:				
Winter Secondary Off-Peak				\$0.00793
Winter Secondary On-Peak				0.02793
Summer Secondary Off-Peak				\$0.00793
Summer Secondary On-Peak				0.03793

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTADerivation of Rate and Reconciliation  
General Space Heating Electric Service Rate 32  
Projected 2010 - Final Rates Case No. PU-10-124

General Space Heating Service	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>					
Primary Service	1	\$10.00 per month	\$120	\$15.00 per month	\$180
Secondary Service	319	10.00 per month	38,280	15.00 per month	57,420
Total Base Rate	320		38,400		57,600
<b>Energy</b>					
Primary Service - Summer	6,222	\$0.01952 per Kwh	121	\$0.02296 per Kwh	143
Primary Service - Winter	0	0.01952 per Kwh	0	\$0.02296 per Kwh	0
Subtotal	6,222		121		143
Secondary Service - Summer	37,956,449	\$0.02033 per Kwh	771,655	\$0.02376 per Kwh	901,845
Secondary Service - Winter	0	0.02033 per Kwh	0	\$0.02376 per Kwh	0
Subtotal	37,956,449		771,655		901,845
Total Energy	37,962,671		771,776		901,988
<b>Demand</b>					
Primary Service - Summer	0.0	\$8.254 per Kw	0	\$9.250 per Kw	0
Primary Service - Winter	43.4	0.000 per Kw	0	1.500 per Kw	65
Subtotal	43.4		0		65
Secondary Service - Summer	22,637.6	\$11.224 per Kw	254,084	\$11.250 per Kw	254,673
Secondary Service - Winter	145,085.6	0.000 per Kw	0	1.500 per Kw	217,628
Subtotal	167,723.2		254,084		472,301
Total Demand	167,766.6		254,084		472,366
<b>Base Fuel</b>					
Primary Service	6,222	\$0.02080 per Kwh	129	\$0.02024 per Kwh	126
Secondary Service	37,956,449	\$0.02080 per Kwh	789,494	0.02087 per Kwh	792,151
Total Base Fuel	37,962,671		789,623		792,277
Total Rate 32 Revenue			<u>\$1,853,883</u>		<u>\$2,224,231</u>
Total Revenues Per Design			0.041		\$0.050
Primary					\$514
Secondary					2,223,717
Total					<u>2,224,231</u>

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
General Space Heating Electric Service Rate 32  
Projected 2010 - Final Rates Case No. PU-10-124

**Derivation of Rate:**

Pro Forma Revenues				\$1,853,883
Pro Forma Revenue Increase				<u>0</u>
Total Revenue Requirement				\$1,853,883
Less:				
Proposed Base Rate Revenues				
Primary Service				180
Secondary Service				57,420
Proposed Demand Revenues				
Primary Service				143
Secondary Service				901,845
Secondary Energy Differential	\$0.00000	37,956,449 Kwh		0
Summer Differential	0.00000	37,962,671 Kwh		0
Projected Base Fuel				<u>792,277</u>
Subtotal				1,751,865
Net to be Collected Through Energy				\$102,018
Total Kwh Sales				37,962,671
Proposed Energy Charges:				
Winter - Primary				\$0.00269
Winter - Secondary				0.00269
Summer - Primary				\$0.00269
Summer - Secondary				0.00269



MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Interruptible Large Power Demand Response Rate 38  
Projected 2010 - Final Rates Case No. PU-10-124

Large Demand Response	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>					
Customer 1 - Discounted		Per Contract	\$11,892	Per Contract	\$11,892
Customer 2		Per Contract	4,657	Per Contract	4,657
Total Base Rate			16,549		16,549
<b>Energy</b>					
Customer 1 - Discounted	12,427,200	\$0.01952 per Kwh	242,579	\$0.02126 per Kwh	264,202
Customer 2	5,456,700	\$0.01952 per Kwh	106,515	\$0.02126 per Kwh	116,009
Total Energy	17,883,900		349,094		380,211
<b>Demand</b>					
Summer					
Customer 1 - Discounted	10,880.2	\$8.254 per KW	89,805	\$9.25 per KW	100,642
Customer 2	4,808.0	\$5.754 per KW	27,665	6.25 per KW	30,050
Winter					
Customer 1 - Discounted	19,734.2	\$5.254 per KW	103,683	\$6.25 per KW	123,339
Customer 2	8,260.9	\$2.754 per KW	22,751	3.25 per KW	26,848
Total Demand	43,683.3		243,904		280,879
<b>Base Fuel</b>					
Customer 1 - Discounted	12,427,200	\$0.02080 per Kwh	258,486	\$0.02024 per Kwh	251,527
Customer 2	5,456,700	\$0.02080 per Kwh	113,499	\$0.02024 per Kwh	110,444
Total Base Fuel	17,883,900		371,985		361,971
Less: 10% Discount Applicable to Customer 1			(70,645)		(75,160)
Total Rate 38 Revenue			<u>\$910,887</u>		<u>\$964,450</u>
Total Revenues Per Design					\$964,450
Target Revenues					964,416
Difference					<u>\$34</u>

**Derivation of Rate:**

Pro Forma Revenues	\$910,887
Pro Forma Revenue Increase	53,529
Total Revenue Requirement	<u>\$964,416</u>
Less:	
Proposed Base Rate Revenues	15,360
Proposed Demand Revenues	258,481
Projected Base Fuel	<u>336,818</u>
Subtotal	610,659
Net to be Collected Through Energy	\$353,757
Total Kwh Sales	16,641,180
Proposed Energy Charge:	\$0.02126

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

**Derivation of Rate and Reconciliation  
Interruptible Large Power Rate 39  
Projected 2010 - Final Rates Case No. PU-10-124**

Large Interruptible	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>		Per Contract	\$3,600	Per Contract	\$3,600
<b>Energy</b>	3,942,900	\$0.01597 per Kwh	62,968	\$0.00919 per Kwh	36,235
<b>Demand</b>	10,863.0	\$2.250 per KW	24,442	\$5.75 per KW	62,462
<b>Base Fuel</b>	3,942,900	\$0.02080 per Kwh	82,012	\$0.02024 per Kwh	79,804
Total Rate 39 Revenue			<u>\$173,022</u>		<u>\$182,101</u>
Total Revenues Per Design					182,101
Target Revenues					<u>182,112</u>
Difference					<u>(\$11)</u>

**Derivation of Rate:**

Pro Forma Revenues	\$173,022
Pro Forma Revenue Increase	9,090
Total Revenue Requirement	<u>\$182,112</u>
Less:	
Proposed Base Rate Revenues	3,600
Proposed Demand Revenues	62,462
Projected Base Fuel	<u>79,804</u>
Subtotal	145,866
Net to be Collected Through Energy	\$36,246
Total Kwh Sales	3,942,900
Proposed Energy Charge:	\$0.00919

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Municipal Service Rate 40  
Projected 2010 - Final Rates Case No. PU-10-124

Small Municipal Service	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>					
Non-Demand	312	\$15.50 per month	\$58,032	\$19.76 per month	\$73,981
Demand	35	25.50 per month	10,710	22.80 per month	9,576
Total Base Rate	347		68,742		83,557
				\$0.65 per day	
				0.75 per day	
<b>Energy</b>					
Non-Demand Service					
Summer	467,233	\$0.03194 per Kwh	14,923	\$0.03868 per Kwh	18,073
Winter					
First 750 Kwh	842,905	\$0.03194 per Kwh	26,922	0.03868 per Kwh	32,604
Over 750 Kwh	650,140	0.02128 per Kwh	13,835	0.02802 per Kwh	18,217
Subtotal	1,493,045		40,757		50,821
Demand Service	2,344,429	0.02128 per Kwh	49,889	\$0.01302 per Kwh	30,524
Total Energy	4,304,707		105,569		99,418
<b>Demand</b>					
Summer	3,948.6	\$7.224 per Kw	28,525	\$8.250 per Kw	32,576
Winter					
1st 10 Kw	2,608.2	0.000 per Kw	0	0.000 per Kw	0
Over 10 Kw	4,160.1	4.224 per Kw	17,572	6.250 per Kw	26,001
	6,768.3		17,572		26,001
Total Demand	10,716.9		46,097		58,577
<b>Base Fuel</b>					
Non-Demand Service	1,960,278	\$0.02080 per Kwh	40,774	\$0.02087 per Kwh	40,911
Demand Service	2,344,429	\$0.02080 per Kwh	48,764	0.02087 per Kwh	48,928
Total Base Fuel	4,304,707		89,538		89,839
Total Rate 40 Revenue	4,304,707		<u>\$309,946</u>		<u>\$331,391</u>
Total Revenues Per Design					
Non-Demand Service					\$183,786
Demand Service					147,605
Total					<u>331,391</u>
Target Revenues					<u>331,410</u>
Difference					<u>(\$19)</u>

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Municipal Service Rate 40  
Projected 2010 - Final Rates Case No. PU-10-124

**Derivation of Rate:**

Pro Forma Revenues				\$309,946
Pro Forma Revenue Increase				21,464
Total Revenue Requirement				<u>\$331,410</u>
Less:				
Proposed Base Rate Revenues				83,557
Proposed Demand Revenues				58,577
Summer- 1st 750 Winter Differential	\$0.01066	1,310,138 Kwh		13,966
Non-Demand Energy Differential	\$0.01500	1,960,278 Kwh		29,404
Projected Base Fuel				<u>89,839</u>
Subtotal				<u>275,343</u>
Net to be Collected Through Energy				<u>\$56,067</u>
Total Kwh Sales				4,304,707
Proposed Energy Charges:				
Demand Service				\$0.01302
Non-Demand Rate:				
Winter - Over 750				\$0.02802
Winter - 1st 750				0.03868
Summer				\$0.03868

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Municipal Lighting Service Rate 41  
Projected 2010 - Final Rates Case No. PU-10-124

Municipal Lighting Service	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>					
Primary	0	\$0.00 per month	\$0	per month	\$0
Secondary	0	\$0.00 per month	0	per month	0
<b>Energy</b>					
Primary	1,808,185	\$0.04525 per Kwh	81,820	\$0.05008 per Kwh	90,554
Secondary	18,370,196	0.05025 per Kwh	923,102	0.05508 per Kwh	1,011,830
Total Energy	20,178,381		1,004,922		1,102,384
<b>Base Fuel</b>					
Primary	1,808,185	\$0.02080 per Kwh	37,610	\$0.02024 per Kwh	36,598
Secondary	18,370,196	0.02080 per Kwh	382,100	\$0.02087 per Kwh	383,386
Total Base Fuel	20,178,381		419,710		419,984
<b>Discount @ 10% - Excluding Base Fuel</b>					
Primary	1,808,185		(8,182)		(9,055)
Secondary	640,201		(3,217)		(3,526)
Total Discount	2,448,386		(11,399)		(12,581)
Total Rate 41 Revenue			<u>\$1,413,233</u>	<u>\$1,509,787</u>	
Total Revenues Per Design					\$1,509,787
Target Revenues					<u>1,510,078</u>
Difference					<u>(\$291)</u>

**Derivation of Rate:**

Pro Forma Revenues		\$1,413,221
Pro Forma Revenue Increase		96,857
Total Revenue Requirement		<u>\$1,510,078</u>
Less:		
Proposed Base Rate Revenues		0
Primary/Secondary Differential	\$0.0050	18,370,196 Kwh
Projected Base Fuel		<u>419,984</u>
Subtotal		511,835
Net to be Collected Through Energy		\$998,243
Total Kwh Sales (Discounted at 90% of actual)		19,933,542
Proposed Energy Charges:		
Primary		\$0.05008
Secondary		0.05508

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Municipal Pumping Service Rate 48  
Projected 2010 - Final Rates Case No. PU-10-124

Municipal Pumping Service	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>					
Primary	3	\$12.00 per month	\$432	\$12.00 per month	\$432
Secondary	325	10.00 per month	39,000	10.00 per month	39,000
Excess Facilities Charge	1		2,328		2,328
Total Basic Service Charge			41,760		41,760
<b>Energy</b>					
Primary	8,692,767	\$0.02333 per Kwh	202,802	\$0.02061 per Kwh	179,158
Secondary	21,669,675	0.02356 per Kwh	510,538	0.02166 per Kwh	469,365
Total Energy	30,362,442		713,340		648,523
<b>Demand</b>					
<b>Summer</b>					
Primary	10,108.8	\$4.150 per KW	41,952	\$5.500 per KW	55,598
Secondary	30,627.4	6.060 per KW	185,602	7.000 per KW	214,392
Subtotal	40,736.2		227,554		269,990
<b>Winter</b>					
Primary	16,079.1	\$1.150 per KW	18,491	\$3.000 per KW	48,237
Secondary	57,461.3	3.060 per KW	175,832	5.000 per KW	287,307
Subtotal	73,540.4		194,323		335,544
Total Demand	114,276.6		421,877		605,534
<b>Base Fuel</b>					
Primary	8,692,767	\$0.02080 per Kwh	180,810	\$0.02024 per Kwh	175,942
Secondary	21,669,675	0.02080 per Kwh	450,729	0.02087 per Kwh	452,246
Subtotal	30,362,442		631,539		628,188
Primary Discounted (all accounts)			(26,368)		(28,343)
Secondary Discounted					
Bills	297		(3,564)		(3,564)
Energy	19,679,532		(46,365)		(42,626)
Demand - Summer	27,514.0		(16,673)		(19,260)
Demand - Winter	53,480.0		(16,365)		(26,740)
Total Discounted			(109,335)		(120,533)
Total Rate 48 Revenue			<u>\$1,699,181</u>		<u>\$1,803,472</u>
<b>Total Revenues Per Design</b>					
Primary					\$459,367
Secondary					1,344,105
					<u>\$1,803,472</u>
<b>Target Revenues</b>					
					1,803,563
Difference					<u>(\$91)</u>

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Municipal Pumping Service Rate 48  
Projected 2010 - Final Rates Case No. PU-10-124

**Derivation of Rate:**

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Pro Forma Revenues			\$1,699,128
Pro Forma Revenue Increase			104,435
Total Revenue Requirement			<u>\$1,803,563</u>
Less:			
Proposed Base Rate Revenues			38,153
Proposed Demand Revenues			549,151
Secondary Differential	\$0.00105	19,701,722 Kwh	20,687
Projected Base Fuel			<u>628,188</u>
Subtotal			1,236,179
Net to be Collected Through Energy			567,384
Total Kwh Sales			27,525,212
Primary Energy Rate			\$0.02061
Secondary Energy Rate			\$0.02166

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Outdoor Lighting Service Rate 52  
Projected 2010 - Final Rates Case No. PU-10-124

Outdoor Lighting	Billing Determinants	Rates Before Interim		Proposed Settlement Rates	
		Rate	Revenue	Rate	Revenue
Base Rate	0	\$0.00 per month	\$0	per month	\$0
<b>Energy</b>					
Primary Service	16,191	\$0.05700 per Kwh	923	\$0.06288 per Kwh	1,018
Secondary Service	6,025,237	\$0.06106 per Kwh	367,901	\$0.06694 per Kwh	403,329
Total Energy	<u>6,041,428</u>		<u>368,824</u>		<u>404,347</u>
<b>Base Fuel</b>					
Primary Service	16,191	\$0.02080 per Kwh	337	\$0.02024 per Kwh	328
Secondary Service	6,025,237	\$0.02080 per Kwh	125,325	\$0.02087 per Kwh	125,747
Total Base Fuel	<u>6,041,428</u>		<u>125,662</u>		<u>126,075</u>
Total Revenue			<u>\$494,486</u>		<u>\$530,422</u>
Total Revenues Per Design					\$530,422
Target Revenues					<u>530,412</u>
Difference					<u>\$10</u>

**Derivation of Rate:**

Pro Forma Revenues		\$494,486
Pro Forma Revenue Increase		<u>35,926</u>
Total Revenue Requirement		\$530,412
Less:		
Secondary Energy Differential	\$0.00406	6,025,237 Kwh
Projected Base Fuel		<u>24,462</u>
		<u>126,075</u>
Subtotal		150,537
Net to be Collected Through Energy		379,875
Total Kwh Sales		6,041,428
Proposed Energy Charge		
Primary		\$0.06288
Secondary		\$0.06694



MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Contract Rate 304  
Projected 2010 - Final Rates Case No. PU-10-124

Contract Rate 304	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>	1	\$15.00 per month	\$180	\$15.00 per month	\$180
<b>Energy</b>	12,080,240	\$0.01687 per Kwh	203,794	\$0.01958 per Kwh	236,531
<b>Demand</b>	33,035.1	5.25 per KW	173,434	5.55 per KW	183,345
<b>Base Fuel</b>	12,080,240	0.02080 per Kwh	<u>251,269</u>	0.02024 per Kwh	<u>244,504</u>
Total Contract Revenues			<u>\$628,677</u>		<u>\$664,560</u>
Calucation of Energy Charge:					<u>\$35,883</u>
Energy	Rate 304				
Current		\$0.03767			
Proposed		\$0.03982			
Net Increase to Contracts		5.7%			

MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA

Derivation of Rate and Reconciliation  
Contract Rate 303 & 30T  
Projected 2010 - Final Rates Case No. PU-10-124

Contract Rate 303 & 30T	Billing Determinants	Projected @ Current Rates		Proposed Rates	
		Rate	Revenue	Rate	Revenue
<b>Base Rate</b>	2	\$90.00 per month	\$2,160	\$95.00 per month	\$2,280
<b>Energy</b>					
First 1.5 Million Kwh	18,000,000	\$0.01952 per Kwh	351,360	\$0.02239 per Kwh	403,020
Over 1.5 Million Kwh	17,527,893	0.01301 per Kwh	228,038	0.01550 per Kwh	271,682
Rate 303 T - All Kwh	<u>8,232,000</u>	0.01301 per Kwh	<u>107,098</u>	0.01550 per Kwh	<u>127,596</u>
Total Energy	43,759,893		686,496		802,298
<b>Demand</b>					
Summer	31,121.1	8.254 per KW	256,874	8.73 per KW	271,687
Winter	<u>47,221.6</u>	5.254 per KW	<u>248,102</u>	5.55 per KW	<u>262,080</u>
Total Demand	78,342.7		504,976		533,767
<b>Base Fuel</b>	43,759,893	0.02080 per Kwh	<u>910,206</u>	0.02024 per Kwh	<u>885,700</u>
Total Contract Revenues			<u>\$2,103,838</u>		<u>\$2,224,045</u>
Increase in Revenue					<u>\$120,207</u>

Calucation of Energy Charge:	Rate 303/303T	
	Current	Proposed
First 1.5 Million Kwh	\$0.04032	\$0.04263
Over 1.5 Million Kwh	\$0.03381	0.03574
Rate 303 T - All Kwh	\$0.03381	0.03574
Net Increase to Contracts	5.7%	

# Attachment C

**MONTANA-DAKOTA UTILITIES CO.  
FUEL COST ADJUSTMENT - NORTH DAKOTA  
JULY 2011 BILLING ADJUSTMENT SUMMARY  
CASE NO. PU-10-124 COMPLIANCE**

	<u>Primary</u>	<u>Secondary</u>
Base Cost of Fuel 1/	\$0.02024	\$0.02087
Current Adjustment 1/	(0.00237)	(0.00280)
Surcharge Adjustment	<u>0.00032</u>	<u>0.00032</u>
Total Fuel Cost	\$0.01819	\$0.01839
MSA 2/	\$0.00200	\$0.00200
Deferred generation development costs 3/	<u>0.00201</u>	<u>0.00201</u>
Total Adjustment billed under Rate 58	<u><u>\$0.02220</u></u>	<u><u>\$0.02240</u></u>

1/ Page 2.

2/ Page 5.

3/ Development costs associated with Big Stone II pursuant to Order Adopting Settlement dated June 28, 2010 in Case Nos. PU-09-731 and PU-09-733.

**MONTANA-DAKOTA UTILITIES CO.  
FUEL AND PURCHASED POWER ADJUSTMENT - NORTH DAKOTA  
JULY 2011  
CASE NO. PU-10-124 COMPLIANCE**

	Total 1/	Allocation to 2/ North Dakota	Allocation to 3/	
			Primary	Secondary
Fuel & Purchased Power Costs				
Account 501 and 547	\$13,300,496	\$8,726,301	\$1,056,067	\$7,670,234
Account 555 Energy	2,908,855	1,908,466	230,965	1,677,501
Account 555 Demand 4/	0	0	0	0
Account 575 Market Admin. 4/	0	0	0	0
<b>Total Fuel &amp; Purchased Power</b>	<b>\$16,209,351</b>	<b>\$10,634,767</b>	<b>\$1,287,032</b>	<b>\$9,347,735</b>
Fuel Costs - Wholesale sales	271,697	178,257	21,573	156,684
Wholesale sales Margin	0	0	0	0
Revenue from Sale of RECs 5/	0	(63,321)	(7,663)	(55,658)
<b>Net System Costs</b>	<b>\$15,937,654</b>	<b>\$10,393,189</b>	<b>\$1,257,796</b>	<b>\$9,135,393</b>
Kwh Retail Sales	877,879,634	575,966,640	70,398,436	505,568,204
Cost of Fuel - per Kwh		\$0.01804	\$0.01787	\$0.01807
Base cost of Fuel			0.02024	0.02087
Current Adjustment			(0.00237)	(0.00280)

1/ Page 3.

2/ Energy allocated on Allocation Factor No. 16, Interconnected Kwh sales and demand is allocated on Allocation Factor No. 15, Integrated System peak demand.

3/ Energy is allocated on Kwh sales at generation and demand is allocated on class Allocation Factor No. 2, Average and Excess Demand.

4/ Authorized in Case no. PU-10-124, costs for the month will be included in the month rates become effective.

5/ Allocated to North Dakota based on REC sales by unit and allocated between primary service and secondary service based on Kwh sales at generation.

**MONTANA-DAKOTA UTILITIES CO.  
FUEL AND PURCHASED POWER TRACKING ADJUSTMENT - INTEGRATED SYSTEM  
JULY 2011  
CASE NO. PU-10-124 COMPLIANCE**

	2011				Total
	February	March	April	May	
Fuel & Purchased Power Costs					
Account 151 and 547	\$3,540,094	\$3,695,132	\$2,708,043	\$3,357,227	\$13,300,496
Account 555 Energy 1/	1,142,682	885,228	750,423	130,522	2,908,855
Account 555 Demand 2/	0	0	0	0	0
Account 575 Market Admin. 2/	0	0	0	0	0
<b>Total Fuel &amp; Purchased Power</b>	<b>\$4,682,776</b>	<b>\$4,580,360</b>	<b>\$3,458,466</b>	<b>\$3,487,749</b>	<b>\$16,209,351</b>
Fuel Costs - Sales for Resale	42,287	15,262	2,741	211,407	271,697
System Costs	\$4,640,489	\$4,565,098	\$3,455,725	\$3,276,342	\$15,937,654
Sales for Resale - Margin	0	0	0	0	0
<b>Total Costs - net of margin</b>	<b>\$4,640,489</b>	<b>\$4,565,098</b>	<b>\$3,455,725</b>	<b>\$3,276,342</b>	<b>\$15,937,654</b>
Kwh Retail Sales	230,686,955	249,404,629	210,144,367	187,643,683	877,879,634
Cost Per Kwh	\$0.02012	\$0.01830	\$0.01644	\$0.01746	<u><u>\$0.01815</u></u>

1/ Page 4.

2/ Authorized in Case no. PU-10-124, costs for the month will be included in the month rates become effective.

**MONTANA-DAKOTA UTILITIES CO.**  
**ACCOUNT 555**  
**JULY 2011 BILLING ADJUSTMENT**  
**CASE NO. PU-10-124 COMPLIANCE**

Account No.	Account Description	2011			
		February	March	April	May
555.1	Purchased Power		\$14,000	(\$14,000)	
555.111	Day-Ahead Asset Energy	\$1,734,164	1,734,986	2,005,575	\$546,412
555.114	Real-Time Asset Energy	(64,380)	19,528	(81,640)	(111,549)
555.117	Real-Time Excessive Energy	(13)	(21)	(63)	46
555.118	Real-Time Non-Excessive Energy	(388,762)	(577,900)	(579,415)	(201,260)
555.1211	Day-Ahead Asset Congestion	(332,837)	(462,980)	(681,452)	(356,708)
555.1215	Real-Time Asset Congestion	8,435	(12,788)	17,203	46,276
555.1219	Real-Time Non-Excessive Congestion	164,158	50,028	105,197	137,825
555.1221	Financial Transmission Rights Hourly Allocation		168	(699)	(2,113)
555.1223	Financial Transmission Rights Monthly Allocation			(15)	(73)
555.1225	Financial Transmission Rights Yearly Allocation			(360)	
555.1226	Financial Transmission Rights Funding Guarantee Amt		(14)	309	(79)
555.1227	Financial Transmission Rights Guarantee Uplift Amt		14	1,591	81
555.1230	Revenue Rights Transaction	(133)	(2,168)	(2,168)	(2,168)
555.1231	Annual Transaction		253	253	253
555.1232	Revenue Rights Infeasible Uplift	29	533	533	533
555.1233	Revenue Rights Stage 2 Distribution	(61,923)	(51,126)	(51,022)	(51,275)
555.130	Real-Time Non-Excessive Loss	53,370	62,551	78,130	21,903
555.131	Day-Ahead Asset Loss	(16,720)	13,584	(102,877)	61,685
555.135	Real-Time Asset Loss	72,170	64,087	37,928	64,711
555.136	Real-Time Distribution of Loss	(53,395)	(56,546)	(36,243)	(32,744)
555.151	Day-Ahead Rev Suff Guarantee Distribution	8,136	11,006	8,322	6,300
555.152	Day-Ahead Rev Suff Guarantee Make Whole Pmt			(2,242)	(38)
555.153	Real-Time Miscellaneous	535	877		(2)
555.154	Real-Time Net Inadvertent Distribution	9,473	(3,015)	(89)	(4,826)
555.155	Real-Time Revenue Neutrality Uplift	17,475	50,649	47,434	42,864
555.156	R-T Rev Suff Guarantee First Pass Distribution	21,758	21,205	15,477	21,682
555.157	R-T Rev Suff Guarantee Make Whole Payment	(27,640)		(281)	(21,871)
555.159	Day Ahead Schedule 24	4,616	4,856	4,178	4,088
555.160	Real Time Schedule 24	504	485	580	617
555.162	Real Time Price Volume Make Whole Payment	(22,161)	(15,213)	(19,989)	(29,211)
555.1700	Day-Ahead Regulation Amount	(3,528)	(5,036)	(15,880)	(13,620)
555.1701	Day-Ahead Spinning Reserve Amount	(3,136)	(12,482)	(32,299)	(27,947)
555.1710	Real-Time Net Regulation Adjustment	406	115	89	198
555.1711	Real-Time Excessive Deficient Energy Deployment	(3)	31	13	1
555.1713	Real-Time Regulation Amount	(1,231)	1,734	3,611	1,253
555.1714	Real-Time Spinning Reserve Amount	(341)	3,141	12,719	(826)
555.1716	Real-Time Regulation Cost Distribution	12,386	14,637	15,482	15,100
555.1717	Real-Time Spinning Reserve Cost Distribution Amount	7,577	11,546	11,659	9,759
555.1718	Real-Time Supplemental Reserve Cost Distribution	3,693	4,503	4,874	5,245
Total Account 555 Charges		<u>\$1,142,682</u>	<u>\$885,228</u>	<u>\$750,423</u>	<u>\$130,522</u>

**MONTANA-DAKOTA UTILITIES CO.  
NORTH DAKOTA ELECTRIC MARGIN SHARING ADJUSTMENT  
TO BE EFFECTIVE JULY 15, 2011 THROUGH JUNE 30, 2012  
CASE NO. PU-10-124 COMPLIANCE**

Balance in margin sharing adjustment account at May 31, 2011 \$3,877,468

<u>Projected MSA Recovery</u>	<u>Kwh Sales</u>	<u>Rate</u>	<u>Amount</u>
June	135,850,000	\$0.0021	\$285,285

Projected balance at June 30, 2011 \$3,592,183

Projected Kwh sales for the period July 2011 through June 2012 1,758,017,000

Total margin sharing adjustment to be effective  
July 15, 2011 through June 30, 2012 \$0.0020