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June 28, 2018

Darrel Nitschke  
Director of Administration/Executive Secretary  
North Dakota Public Service Commission  
State Capitol  
600 East Boulevard Dept. 408  
Bismarck, ND 58505

**RE: In the Matter of Otter Tail Power Company's Application for Approval of Tariff Changes to Facilitate Implementation of A New Customer Information System  
Case No. PU-18-  
Initial Filing**

Dear Mr. Nitschke:

Otter Tail Power Company's (Otter Tail) new Customer Information System is scheduled to go into operation on October 1, 2018. This filing sets forth changes to Otter Tail's rules and rate schedules necessary to implement and operate the new Customer Information System. These changes relate to bill processing and administration for which a determination of Otter Tail's gross revenue requirements is not necessary in determining the reasonableness the proposed changes.

The October 1, 2018 target date is time sensitive. Otter Tail respectfully requests that this matter be expedited to the extent possible for Otter Tail to implement the changes on or before October 1, 2018. Finally, we have enclosed a filing fee of \$50.00 in accordance with N.D.C.C. § 49-05-05.

We are available to provide any additional information or respond to any questions you may have. Feel free to contact me at (218) 739-8956 or email me at [cstephenson@otpco.com](mailto:cstephenson@otpco.com).

Sincerely,

/s/ *CARY STEPHENSON*  
Cary Stephenson  
Associate General Counsel

jch  
Enclosures

**STATE OF NORTH DAKOTA  
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of Otter Tail Power  
Company's Application for Approval of Tariff  
Changes to Facilitate Implementation of a New  
Customer Information System

Case No. PU-18-

**APPLICATION OF OTTER TAIL  
POWER COMPANY**

**I. INTRODUCTION**

By this filing Otter Tail Power Company (Otter Tail or Company) hereby files with the North Dakota Public Service Commission (Commission) a request for approval of changes to its rules and rate schedules necessary for the implementation of a new customer information and billing system currently scheduled to become operational on October 1, 2018.

**II. GENERAL FILING INFORMATION**

The following information is provided in accordance with N.D. Admin. Code §§ 69-02-02-04 and 69-09-02-01(2):

**A. Name, Address, and Telephone Number of the Utility making the filing**

Otter Tail Power Company  
215 South Cascade Street  
P. O. Box 496  
Fergus Falls, MN 56538-0496  
(218) 739-8200

**B. Name, Address, and Telephone Number of Utility Attorney**

Cary Stephenson  
Otter Tail Power Company  
215 South Cascade Street  
P. O. Box 496  
Fergus Falls, MN 56538-0496  
(218) 739-8956  
cstephenson@otpc.com

**C. Title of Utility Employees Responsible for Filing**

**Tammy Mortenson**  
Otter Tail Power Company  
215 South Cascade Street  
P. O. Box 496  
Fergus Falls, MN 56538-0496  
(218) 739-8890  
[tmortenson@otpc.com](mailto:tmortenson@otpc.com)

**Brian Boss**  
Otter Tail Power Company  
215 South Cascade Street  
P. O. Box 496  
Fergus Falls, MN 56538-0496  
(218) 739-8350  
[bboss@otpc.com](mailto:bboss@otpc.com)

**D. The date of Filing and the date changes will take effect**

The date of the filing is June 28, 2018. Otter Tail requests the proposed effective date of the changes described in this filing to be October 1, 2018 to support implementing its new customer information and billing system on that date.

**E. Other requirements of North Dakota Rules Part 69-02-02-04**

Pursuant to N.D. Admin. Code § 69-02-02-04, a certified copy of Otter Tail’s articles of incorporation is on file with the Commission in Case No. PU-09-677. The certificate and amendments are hereby incorporated by reference. An original certificate of good standing is included as Attachment 1.

**F. Reason for the Proposed Changes**

As more fully described below the proposed changes are necessary for the implementation of a new customer information and billing system currently scheduled to become operational on October 1, 2018. The new system, which OTP refers to as “CISone” is substantially different in design and functionality than Otter Tail’s current system. Due to these differences, a number of billing administration and processing changes are necessary.

**G. Number of Customers Affected**

The proposed changes affect all of Otter Tail’s approximately 59,651 North Dakota customers.

## **H. Increase or Decrease on Annual Revenue**

The changes described in this Application are neither intended nor designed to materially impact Otter Tail's revenue. The changes relate to bill administration and methodology driven by the new customer information system and do impose additional or increased rates or fees on Otter Tail's customers. To the degree that there are any changes in revenue, such changes will be immaterial and will not prejudice or shift responsibilities among Otter Tail's customers.

## **I. Existing Rate Schedules, Rules and Regulations to be superseded**

Section III (B) below and the attachments to this filing detail the proposed changes to Rate Schedules, Rules and Regulations.

# **III. DESCRIPTION OF FILING**

## **A. CIS Background**

Otter Tail's self-developed, customer information system (CIS) has been in place for over 30 years. While it continues to work as a billing engine, it is difficult to maintain due to its age and architecture and in part for want of staff versed in system's dated computer language. The current CIS also lacks the functionality of newer commercial off the shelf (COTS) systems. An assessment by an independent party in the late 2000's determined that Otter Tail's current CIS was about 40% capable of what other systems were capable of at the time.

Otter Tail began the process of the replacing of the existing CIS in 2014. Before the start of the formal selection process, Otter Tail visited and conferred with other similar-sized utilities to determine what systems and options were available. The selection phase formally started in 2014 and lasted approximately 18 months. Otter Tail hired AAC Utility Partners to help determine the project's scope (for instance, mobile work management, batch scheduling, etc.) and to help select a CIS Vendor. Per AAC's methodology Otter Tail identified approximately 4,300 functional requirements, which were used to create request for proposal (RFP). Following an extensive evaluation

process Otter Tail selected a CIS from Cayenta Utilities (Cayenta). In 2016 Otter Tail started the implementation work phase of the project, which continues through the present. Otter Tail's current timeline projects full operational migration to the new system on October 1, 2018.

CISone will be a foundational system and building block for other future technology projects, such as automated metering infrastructure (AMI), mobile work management (MWM) technologies, and outage management system (OMS) technologies. CISone will allow Otter Tail to better align business processes with industry best practices, allowing quicker and more thorough access to information for both employees and customers. While the current CIS relies on overnight batch/file runs to complete the desired processes, CISone will use application programming interfaces (API) to process tasks in real-time. Customers will have better access to information through online and self-service options. One significant high-level benefit will be the system's ability to "talk" to other Otter Tail systems through interfaces. This will allow information exchange at a much more rapid pace. Other benefits include:

- Ease of new or updated rate implementation: The existing CIS is limited due to field and capacity constraints and updating or changing rates or riders takes significant database modification. CISone will allow Otter Tail to more easily prepare for rate/rider updates and changes, as well as provide a better process to test those changes.
- Customer Self Service (CSS): CISone will better support self-service and online business.
- Mobile work management (MWM): Mobile field workers will have access to information much more quickly, and they will have access to information that was not previously available to them in the field. "Apps" will be available through smartphones and tablets.
- The new system will be able to support future initiatives: CISone will support initiatives such as two-way Geographic Information System (GIS) integration, AMI, and Outage Management System (OMS) support.

- Empower user experience for company personnel by expanding access to additional functions.
- Improved automation: The current CIS system is not capable of meeting current functional demands without significant manual intervention, which will not be needed with CISone.
- Elimination of reusing of data fields: This will minimize the risk of data corruption.
- Easier detection and correction of billing issues.
- Advanced ad-hoc reporting: CISone will come with many reports and queries that previously would have taken significant programming to develop.
- More advanced “Checkout and Lock” features: These features will mitigate the risk of data corruption and account errors.
- A more robust primary/secondary failover system: CISone is designed so that in the event of a failure it will result in less downtime to restore.
- Better ability to drive consistent business processes across all jurisdictions: CISone will facilitate consistency across all jurisdictions.

Additionally, Otter Tail will utilize CISone to fully implement the E8760 allocation methodology for the Energy Adjustment Rider, Section 13.01. as described in general rate case filing PU-17-398. Otter Tail will migrate to the E8760 allocation with the implementation of CISone.

Additional improvements with the new system include the ability to assess charges on a daily basis. Bills will be prorated on a daily basis for a period of lesser than or greater than a normal billing period. The proration shall apply to the Customer Charge, Demand Charge, Facilities Charge, and any other monthly charges or credits for the applicable rate.

## **B. Proposed Changes to Otter Tail General Rules & Rate Schedules**

Attachment 2 to this Application is a change matrix itemizing updates to the Company’s general rules and rate schedules, as well as redline tariff sheets detailing the

proposed changes. The changes are administrative in nature. Changes of special note are described below.

- 1. 1.04 Customer Connection Charge.** Otter Tail currently charges a Customer Connection Charge to every new account that is created. We have changed the word “Customer” to the word “Account” and dropped “Customer” from the title for clarity.
- 2. 1.05 Contract Agreements and Sample Forms.** Several minor administrative changes were made. For example, the font type and font size will be changed to allow for easier reading. Controlled Service Agreement Waiver has been updated to provide the formatting from the new CIS system. This and other examples are found in Section 1.05.
- 3. 4.07 Month Billing Period and Prorated Bills.** CISone will improve accuracy with more detailed billing inputs, provide greater flexibility with other internal platforms, and improve seasonal rate management. To align the new system’s capabilities with billing procedures, Otter Tail has modified section 4.07 to permit daily proration of certain charges and to more accurately define a monthly billing period. This is especially helpful with seasonal rates. For instance, consider the following example of allocation and subsequent proration. A residential customer has meter readings on September 10<sup>th</sup> and October 10<sup>th</sup> with usage of 600 kWh between readings and the change from summer rates to winter rates is October 1<sup>st</sup>. The specific inputs to this example are in the following table:

Read dates	September 10 <sup>th</sup>	October 10 <sup>th</sup>
Recorded Energy Usage	0 kWh	600 kWh
Rate Season	Summer	Winter
Number of days in billing period per season	20	10

Proration for Fixed Charges [i.e. Customer Charge, Fixed Facilities Charges] (days in the billing period / [365 days/12 months])	\$7.89 Customer Charge (\$8.00 X [30 days/30.41667 days])	
Proration (600 kWh / (days in the billing period)) = 20 kWh/day	400 kWh (20 days X 20 kWh/day)	200 kWh (10 days X 20 kWh/day)

The current CIS would bill the entire month on the winter rate due to the bill date occurring in the winter season. With CISone the appropriate seasonal rates will be applied to the energy and demand usage in the corresponding season. In the example above, the billed customer charge will be determined by multiplying the approved monthly customer charge, based on a 365 day year, by the number of days in the billing period, divided by the average number of days per month (365 days per year/12 months=30.41667).

The seasonal energy usage in the example is determined by dividing the energy recorded between meter reads by the number of days between meter read dates and multiplying by the numbers of days in the winter season or summer season; this would equate to 400 kWh billed on the approved summer rate and 200 kWh billed on the approved winter rate.

During the implementation month, which is scheduled for October, the seasonal Air Conditioning credit will not be applied to customers as they have already received credit on their September bill. This scenario only applies to an October implementation. Otter Tail believes the changes in this schedule comply with N.D. Admin. Code § 69-09-02-11 sub-paragraph 1 for billing proration concerning meter reading and billing periods.

4. **4.10 Payment Policy.** Under the proposed changes bills will become due by the next scheduled billing date, which will be printed on the bill, rather than due five days before the next scheduled billing date. For Even Monthly Payment

(EMP) delinquencies, the current system takes into consideration the EMP credit (but not debit) balance for determining collections. The new system will not include EMP credit or debit balances when performing calculations or assessments for delinquent account collections as the core system does not allow the collections stream to look at any potential credits in the EMP balance nor will it look at debit EMP balances.

5. **4.11 Even Monthly Payment (EMP) Plan.** For EMP customers, an update to the review process for EMP balances will be done at seven and twelve bills rather than the current four, eight, and twelve months. The change is meant to promote better baseline development for matching EMP balances with the appropriate average use. At the time of annual true up, any credit and debit balances will be rolled into the new EMP amount and collected over the next twelve months.
6. **5.03 Temporary Services.** We have removed the sentence that required customers taking service for less than one month to be billed as though service had been taken for the entire month and that no pro-ration would occur. It aligns this section to the new billing system's ability to pro-rate and process bills of less than a normal billing period.
7. **8.01 Glossary.** The definition for the term "billing period" has been deleted from the Glossary and a revised definition inserted in Section 4.07. The revised definition defines a billing period as "365 days divided by 12 months [30.41667 days]".
8. **Rate Schedules in General.** Many current Electric Rate Schedules list an Otter Tail rate code near the top of the schedule. These codes refer to applicable billing elements in Otter Tail's current CIS. With the implementation of CISone, the rate codes used to identify rates for North Dakota customers will be changing from using the numeric pre-fix "50" to using the alphabetic "N", with the exception of the mandatory rider rates which will change to an alphabetic descriptor. Another change will be to migrate rate codes that identify time of

use rates or time of day rates from using separate rate codes for each time to using one alphanumeric rate code. To illustrate, an example using Section 10.04 Commercial Service – Time of Use is provided below.

**Current Structure**

<u>Description</u>	<u>Rate Code</u>
Declared – Peak	50-708
Intermediate	50-709
Off-Peak	50-710

**Proposed Structure**

<u>Description</u>	<u>Rate Code</u>
General Service – Time of Use	N708

This change will be implemented for the following rates:

- a. Section 10.04            Commercial Service – Time of Use
- b. Section 10.05            Large General Service – Time of Day
- c. Section 11.01            Standby Service – Options A and B
- d. Section 11.02            Irrigation Service – Option 2
- e. Section 12.02            Small Power Producer Rider – Time of Delivery –  
Energy Service
- f. Section 12.03            Small Power Producer Rider – Dependable Service

There are also changes outside of the time of day/time of use rates that will be presented differently in the rate schedules.

- a. Section 11.04, Outdoor Lighting, will be rate code N741, which will combine 50-741 and 50-743 into a single rate code. This is a more concise way of billing lighting options and facilitates rate administration.
- b. Sections 12.01, 12.02 and 12.03, Small Power Producer rate codes are currently identified with the rate level and four-digit configuration, for example, 50-9020. The rate codes will be modified to include the “N” and

a three digit designation to be consistent with the format of our other rate codes.

- c. Sections 14.04, 14.05, 14.06 and 14.07 for controlled service rates with penalty rates will include a separate rate code denoted with the suffix “P” assigned to the rate code. Separate designations are needed for both non-penalty situations and penalty situations and the distinction is based on the configuration of the meter at the customer location. Currently, separate penalty codes are denoted by a unique rate number. As noted above, after implementation, the penalty designation will migrate from a number to using “P” as a descriptor.

**9. 9.01 Residential Service - Seasonal Service.** We have removed a seasonal connection charge (currently \$40) for new residential service if the customer sets up seasonal billing at the same time as a new location. There is no additional work needed in setting up the seasonal customer at a new location more so than an existing customer. Moreover, given the very small number of customers involved it was not economically prudent to develop, test, and build this function into the new CIS.

**10. 9.02 Residential Demand Control Service.** We have removed a mandatory three kW minimum demand for new Residential Demand Customers prior to establishing the customer’s demand. Currently, these customers are charged a fixed kW until a demand is established and the demand changes to reflect their maximum demand going forward. It was not economically prudent to develop, test, and build this function into the new CIS given the low volume of customers.

**11. 10.01 Small General Service.** This Section will include the new rate N408 to be used as the billing rate for a small number of existing non-metered, non-standard lighting installations that operate outside of the dusk to dawn designation. These lights were discovered during the review of our existing billable rates for transition to the new billing system and found that the unique billing parameters do not fit into our existing rate options, prompting this addition. The energy charge is being set to the current amount being charged for these lights, maintaining a revenue neutral impact for this customer class. We propose to mark this rate as “Closed to New Installations” as new installations would be configured to bill under one of our other approved standard rates.

**12. 11.03 Outdoor Lighting – Energy Only.** This Section will include the new rate N747 that will be designated specifically for municipal holiday lighting billing. The billing determinants for this rate will be the same as for N748, but with different input parameters.

**13. Other Administrative Items.** Otter Tail will inform its customers of the changes described in this filing through appropriate notices, brochures and other communications and take any further actions required by the Commission.

#### **IV. CONCLUSION**

Otter Tail's current implementation schedule calls for CISone to "go-live" on October 1, 2018. Otter Tail respectfully requests that the Commission issue an Order approving the tariff change requests included in this application, thereby facilitating implementation of the new CIS on October 1, 2018.

Dated: June 28, 2018

Respectfully submitted,

**OTTER TAIL POWER COMPANY**

By: /s/ CARY STEPHENSON

Cary Stephenson

Associate General Counsel

Otter Tail Power Company

215 South Cascade Street

P. O. Box 496

Fergus Falls, MN 56538-0496

Case No. PU-18-  
June 28, 2018

Attachment 1

State of North Dakota  
Certificate of Good Standing

# *State of North Dakota*

## SECRETARY OF STATE



### CERTIFICATE OF GOOD STANDING OF

OTTER TAIL POWER COMPANY

The undersigned, as Secretary of State of the State of North Dakota, hereby certifies that OTTER TAIL POWER COMPANY, a Minnesota corporation, authorized to transact business in the State of North Dakota on February 24, 1914, and according to the records of this office as of this date, has paid all fees due this office as required by North Dakota statutes governing foreign corporations.

**ACCORDINGLY** the undersigned, as such Secretary of State, and by virtue of the authority vested in him by law, hereby issues this Certificate of Good Standing to

OTTER TAIL POWER COMPANY

Issued: June 25, 2018

A handwritten signature in black ink, reading "Alvin A. Jaeger".

Alvin A. Jaeger  
Secretary of State

**Affecting all tariff sheets:**

Updating Revision Numbers in the header and Docket No. and Effective Date in the footer  
 Correcting Capitalization for Glossary words and minor grammatical corrections

Rate codes no longer beginning with a two-digit number and dash, but changing to the first state letter  
 (ex. 50- to N); no longer need multiple rate codes for TOD/TOU rates

## Changes

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0000 Index

- Modified the name of schedule 1.04 to "Connection Charge"; removed Customer indication

## General Rules and Regulations

### 1.00 General Service Rules

1.01 Scope of General Rules and Regulations No Changes

1.02 Application for Service No Changes

1.03 Deposits, Guarantees and Credit Policy No Changes

1.04 Customer Connection Charge

- Modified the name of schedule 1.04 to "Connection Charge" removing "Customer" due to the connection charge being applicable to each Account rather than customer

- Changed 'Customer' to 'Account' under the first paragraph to properly identify where the connection charge is applicable

- Included "or verbal" as an acceptable option for notice from a residential rental property owner for election to participate in the company's year-around auto turn-on program

1.05 Contracts and Agreements

- Included an updated version of the Controlled Service Agreement that includes:

+ The addition of the Location Number after the Account number

1.06 Forecasts for Fuel Clause and Rider Adjustments

No Changes

### 2.00 Rate Application

2.01 Assisting Customers in Rate Selection No Changes

2.02 Service Classification No Changes

### 3.00 Curtailment or Interruption of Service

3.01 Disconnection of Service No Changes

3.02 Curtailment or Interruption of Service No Changes

3.03 Reserved for Future Use No Changes

3.04 Reserved for Future Use No Changes

3.05 Continuity of Service No Changes

### 4.00 Metering and Billing

4.01 Meter and Service Installations No Changes

4.02 Meter Readings No Changes

4.03 Estimated Readings No Changes

4.04 Meter Testing No Changes

4.05 Access to Customers' Premises No Changes

4.06 Establishing Demands No Changes

4.07 Monthly Billing Period and Prorated Bills

- Modified the period of 25 to 35 days in a billing period to "365 days divided by 12 months [30.41667 days]" for the definition of a normal monthly billing period and removed the language "due to the normal variation of scheduled meter reading dates" as it is no longer applicable to the billing methods in the new billing system

- Modified the third sentence to read "Bills will be prorated on a daily basis for a period of lesser or greater than a normal billing period, which will be determined by the interval between two consecutive meter reading dates for metered services or between billing dates for non-metered services." and removed of the portion that stated "when service is begun or terminated between the regular Meter reading dates. Proration on a daily basis also applies when the period between Meter readings is more than a normal billing period."

- Added an additional sentence to the end "Services will be prorated to the month in which they were consumed based on a computed daily average." to provide an explanation as to how the proration of services will be allocated to the proper months for billing within the new billing system

4.08 Electric Service Statement -  
Identification of Amounts and Meter Reading No Changes

4.09 Billing Adjustments No Changes

4.10 Payment Policy

- Updated the due date of bills to read "by the date printed on the bill, which will be the next scheduled bill date." to coordinate with the new business decision for the new billing system

- Removed the "(less allowances for EMP credits)" in determining the delinquent amount for accounts on the EMP plan as this amount will not be taken into consideration due to the collections stream in the core system of the new billing system not allowing amounts in the EMP balance to be used

4.11 Even Monthly Payment (EMP) Plan

- Relocated the third paragraph up to the second paragraph to provide the definition of how the review process is handled prior to the next paragraph that describes the billing after review and modified the timeframes that accounts will be reviewed for appropriate usage and even monthly balances from every four months to "after seven bills and 12 bills" as these allow for more appropriate timing to ascertain a reasonable monthly budget amount under the EMP plan

- Modified the first sentence of paragraph 3 to include "seventh and" along with the twelfth bill to remain consistent with when the review of the EMP budget amount will be completed

- Modified paragraph 2 designating the Summary Billing date to the first business day on or after the 15th of each month as this change will be implemented to increase efficiencies on how bills of this type are processed

#### 4.12 Summary Billing Services

- Removed the beginning sentence of paragraph four explaining the delay of the billing statement mailing, as this is no longer applicable with the designation of the specific billing cycle

- Removed the "new" from the master billing date in the last paragraph as it is not applicable with all summary billing on the same date

4.13 Account History Charge No Changes

4.14 Combined Metering No Changes

### 5.00 Standard Installation and Extension Rules

5.01 Extension Rules and Minimum Revenue Guarantee No Changes

5.02 Special Facilities No Changes

- Removed the last two sentences for temporary services for less than one billing period, as they will be billed using the same billing process as all other bills of less than a normal billing period within the new billing system

5.03 Temporary Services

5.04 Standard Installation No Changes

5.05 Service Connection No Changes

### 6.00 Use of Service Rules

6.01 Customer Equipment No Changes

6.02 Use of Service; Prohibition on Resale No Changes

### 7.00 Company's Rights

7.01 Waiver of Rights or Default No Changes

7.02 Modification of Rates, Rules and Regulations No Changes

### 8.00 Glossary and Symbols

8.01 Glossary - Removed the definition for "Billing Period" as the definition has been inserted into Section 4.07

8.02 Definition of Symbols No Changes

## Rate Schedules and Riders

### 9.00 Residential and Farm Services

9.01 Residential Service - Rate code change  
 - Removed paragraph 5 under 2. of Seasonal Residential Service on page 2 regarding "Seasonal Residential Customers subject to a connection charge" as this will not be implemented in CU due to no cost benefit for the additional programming changes required

- Rate code change
- Added "DETERMINATION OF" in front of the "Billing Demand" section on page 2 for consistency with other schedules and removed the 3kW minimum for new customers as this requirement will not be implemented in the new billing system due to business process change on setting demand for these customers during the summer season

9.03 Farm Service - Rate code change

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10.00 General Services

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- Rate code change
  - Adding an additional description for "Non-metered Service - Secondary Service -CLOSED TO NEW INSTALLATIONS" with an associated rate code of N408 to be used for billing of non standard light types that do not fit under our standard outdoor lighting billing rates; we will intentionally leave this rate closed to new installations as it is being used for billing of existing lights of this configuration only
  - Added "RULES AND" to the "Regulations" label for consistency with all schedules
- 10.01 Small General Service (Under 20 kW)
- Added an additional rate box labeled "Non-metered Service - Secondary Service Only \*\*\*Closed to new installations\*\*\*" to display the billing determinants for the new billing rate
  - Under Terms and Conditions, updating the language to explain that a customer will be moved to the General Service Schedule (10.02) during their next billing cycle if their Demand equals or exceeds 20kW three times within the recent 12 months
  - Added "METERED" to the "Determination of Demand" to specify the demand being defined and provide consistency with all schedules
  - Included a new paragraph to the end with an definition of the Non-metered service rate
- Rate code change
- 10.02 General Service (20 kW or Greater)
- Added "per annual Max. kW:" and "(minimum 20 kW)" under Facilities Charge in the rate box to remove redundancy and provide consistency with the other schedules
  - Rate code change
  - Removed "(min. 80 kW)" from Monthly Minimum Bill line as this is being added under the Demand Charge
- 10.03 Large General Service
- Removed "per Month" after minimum 80 kW, changed letter case and moved the colon under Facilities Charge in the rate box to remove redundancy and provide consistency
  - Added "(minimum 80 kW)" after the Demand Charge per kW line in the rate box

- Rate code change
  - Removed Intermediate and Off-Peak rate codes from the Description/Rate Code box as they are no longer required as separate codes for billing in the new system, and changed the Description from Declared-Peak to Commercial Service - Time of Use
  - Removed "per Month" after minimum 80 kW and moved the colon under Facilities Charge in the rate box to remove redundancy and provide consistency with the other schedules
  - Added "(minimum of 20 kW)" under "Demand Charge per kW" in the rate box to provide consistency with the other schedules
  - Removed "Billings" behind the Winter Season and Summer Season designations as we are only describing the timeframe for each season not a billing designation
  - Added "BILLING" to the "Determination of Demand" section on page 3 for consistency on all schedules
  - Under Determination of Facilities Charge, updated "Metered Demand adjusted for Excess Reactive Demand" to "Billing Demand" to remain consistent on all schedules
- 10.04 Commercial Service - Time of Use
- Rate code change
  - Removed "- Experimental" from the schedule name
  - Removed Shoulder and Off-Peak rate codes/columns from the Description/Rate Code box as they are no longer required as separate codes for billing in the new system and renamed column heading from "On-Peak" to "RATE CODE"
  - Modified the Description/Rate Code box to be formatted similar to the other rate schedules
  - Removed "per Month" and moved the colon under Facilities Charge and added "(minimum 80 kW)" under the Demand Charge in the Secondary Service rate box to remove redundancy and provide consistency with the other schedules
- 10.05 Large General Service - Time of Day - Experimental
- Changed letter case and moved the colon under Facilities Charge added the "/kW" designation after the rate amount, and added "(minimum 80 kW)" under the Demand Charge in the Primary Service rate box to provide consistency
  - Removed the "per annual Max. kW (minimum 80 kW per Month)" description from the Monthly Minimum Bill as it does not apply there and moved under the Facilities Charge per Month and added the "/kW" designation after the rate amount, and added "(minimum 80 kW)" under the Demand Charge within the Transmission Service rate box
  - Added "DETERMINATION OF" in front of "Metered and Established Demand" section on page 3 for consistency on all schedules
  - Removed "Billings" behind the Winter Season and Summer Season designations as we are only describing the timeframe for each season not a billing designation

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11.00 Other Services

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- Rate code change
- Removed Shoulder and Off-Peak rate codes/columns under both Option A and Option B as they are no longer required as separate codes for billing in the new system
- Modified the Description/Rate Code box to be formatted similar to the other rate schedules
- Added ", beginning on page 5." under Application of Schedule paragraph 1. to provide reference to where this starts and removed "Attachment No. 1-" and added "and Useful Terms" after Definitions in paragraph 2. to provide the correct name
- Added "per Month" to Customer Charge in the rate box for both Option A and Option B to provide consistency with the other schedules
- Removed "for" in the middle of Standby Service for Customers on page 6 within paragraphs 3 and 5 to correct the definition name

## 11.01 Standby Service

- Rate code change
- Removed the "s" from "Rate Codes" in Description/Rate Code box for consistency among schedules
- Removed the dashes in "Time of Use" to be consistent on all schedules
- Removed rows for Option 2: Intermediate and Off-Peak as they are no longer required as separate codes for billing in the new system and renamed Option 2: Declared peak to Option 2: Time of Use

## 11.02 Irrigation Service

- Rate code change
- Removed the "s" from "Rate Codes" in Description/Rate Code box for consistency among schedules
- Added "Municipal Holiday Lighting" as another rate code option within the Description/Rate Code box with a rate of M747 to specifically handle the billing options for these types of lights
- Added "Municipal Holiday Lighting\*/" to the heading of the Rate - Metered box
- Removed "- Metered Rate" within the first rate box since the label above already includes "Metered"
- Added the paragraph below the Rate - Metered box to explain how holiday lighting energy is different from the "Outdoor Lighting" metered rate and to indicate this rate is billed only one time a year
- Changed the box heading under Rate - Non-Metered to "Sign Lighting/Outdoor Lighting - Energy Only" to match format of Rate - Metered section
- Added "- ENERGY ONLY" to the heading for the Sign Lighting/Outdoor Lighting title under Rate - Non\_Metered

## 11.03 Outdoor Lighting - Energy Only Dusk to Dawn

- Rate code change
- Deleted "Floodlighting - ..." line from the Description/Rate Code box as all lights under this schedule will be placed under the 741 rate within the new billing system

## 11.04 Outdoor Lighting Dusk to Dawn

- Rate code change

## 11.05 Municipal Pumping Service

11.06 Civil Defense - Fire Sirens - Rate code change

12.00 Power Producer Riders & Availability Matrix

12.00 Purchase Power Riders - Availability matrix No Changes

12.01 Small Power Producer Rider Occasional Delivery

Energy Service

(Net Energy Billing Rate) - Rate code change; dropping the first zero in the number to fit within the new CIS billing parameters

12.02 Small Power Producer Rider Time of Delivery - Rate code change; dropping the first zero in the number to fit within the new CIS billing parameters

Energy Service - Removed the Description/Rate Code lines for "Base Avoided Off-Peak Costs" and "Base Avoided Off-Peak Costs Plus Renewable Energy Credit" and removed the "On-Peak" designation in the remaining two lines as the two time periods are no longer required as separate codes for billing in the new system

12.03 Small Power Producer Rider Dependable Service - Rate code change; dropping the first zero in the number to fit within the new CIS billing parameters  
- Removed the Description/Rate Code lines for "Base Avoided Off-Peak Costs" and "Base Avoided Off-Peak Costs Plus Renewable Energy Credit" and removed the "On-Peak" designation in the remaining two lines as the two time periods are no longer required as separate codes for billing in the new system

13.00 Mandatory Riders & Applicability Matrix

13.00 Mandatory Riders - Applicability Matrix No Changes

13.01 Energy Adjustment Rider No Changes

13.04 Renewable Resource Cost Recovery Rider - Rate code change

13.05 Economic Development Cost Removal Rider - Rate code change

13.06 Reserved for Future Use No Changes

- Rate code change

- In the Description/Rate Code box, added "- Demand Charge" after the Large General Service label to

13.07 Transmission Cost Recovery Rider assign the appropriate code for the demand charge; Added a new label "Large General Service - Energy charge to assign the appropriate code for the energy charge

- Added "RULES AND" to the Regulations label for consistency with all schedules

13.08 Environmental Cost Recovery Rider - Rate code change

14.00 Voluntary Riders & Availability Matrix

14.00 Voluntary Riders - Availability Matrix No Changes

14.01 Water Heating Control Rider - Rate code change

- Rate code change

14.02 Real Time Pricing Rider - Modified the Adm. Chg. line within the Bill Determination box on page 3 to correctly locate the Administrative Charge section "above"

14.03 Large General Service Rider - Rate code change

- Rate code change

14.04 Controlled Service - Interruptible Load CT Metering - Added an additional Description for each of the rate codes with an associated penalty and its billable Rider rate code

(Large Dual Fuel) - Modified the Facilities Charge label in each rate box and added the "/kW" designation behind the price to provide consistency with schedules

14.05 Controlled Service - Interruptible Load Self- - Rate code change

Contained Metering Rider - Added an additional Description for each of the rate codes with an associated penalty and its billable (Small Dual Fuel) rate code

14.06 Controlled Service Deferred Load Rider - Rate code change

(Thermal storage) - Added an additional Description for each of the rate codes with an associated penalty and its billable rate code

- Rate code change

14.07 Fixed Time of Delivery Rider (Fixed TOD) - Added an additional Description for each of the rate codes with an associated penalty and its billable rate code

14.08 Air Conditioning Control Rider (CoolSavings) - Rate code change

14.09 Voluntary Renewable Energy Rider (TailWinds) - Rate code change

14.10 WAPA Bill Crediting Program Rider - Rate code change

14.11 Released Energy Access Program (REAP) Rider  
No Changes

14.12 Bulk Interruptible Service Application and Pricing  
Guidelines - Rate code change

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15.00 Communities Served

15.00 Retail Electric Service to Communities No Changes

## Electric Service – North Dakota - Index

*Section*    *Prior Sheet*    *Item*

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### 1.0 GENERAL SERVICE RULES

1.01	99.9	Scope of General Rules and Regulations
1.02	99.9	Application for Service
1.03	98.3	Deposits, Guarantees and Credit Policy
1.04	98.2	<del>Customer</del> Connection Charge
1.05	N/A	Contracts and Agreements
1.06	N/A	Forecasts for Fuel Clause and Rider Adjustments

### 2.00 RATE APPLICATION

2.01	N/A	Assisting Customers in Rate Selection
2.02	99.9	Service Classification

### 3.00 CURTAILMENT OR INTERRUPTION OF SERVICE

3.01	N/A	Disconnection of Service
3.02	N/A	Curtailment or Interruption of Service
3.03	N/A	N/A (reserved for future use)
3.04	N/A	N/A (reserved for future use)
3.05	99.9	Continuity of Service

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Vice President,



Fergus Falls, Minnesota

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## Section 1.04 ~~CUSTOMER~~ CONNECTION CHARGE

Customers applying for service will pay a connection charge. The connection charge shall apply to any new ~~Customer~~Account, and for reconnection following temporary disconnection at the Customer’s request. The connection charge applies to the account and not each Meter; it will not apply where a second Meter is added at the same location for a different type of service for an existing Customer.

**CHARGES:** A \$15.00 charge will be applied for each Customer connection, or reconnection following temporary disconnection at the Customer’s request. In addition to the standard charges, accounts connected or reconnected outside of normal business hours will be charged overtime charges for the amount of time required, or a minimum of two hours, whichever is greater. If connection or reconnection is a continuation from 5 p.m., overtime charges will be calculated based on the amount of time it takes the employee to connect or reconnect. If several accounts are either connected or reconnected, or both during the same call back period, any overtime charges shall be divided among the several accounts. However, the Company may limit the times outside its normal hours of operation during which it will perform a reconnection of service.

Residential Rental Property Owner (RRPO) Program Exception: No connection charge will apply to Customers in the Company’s RRPO program, as described in this subsection. Auto Turn-On with no connection charge is available only to a Residential rental property owner that gives the Company (a) written or verbal notice of its election to participate in the Company’s year-round Auto Turn-On program and (b) up-to-date owner information on each of the Residential rental units to participate in the program. A Residential rental property owner may enroll in this program at any time, for any one or more Residential rental units. If a Residential rental property owner enrolled in the Auto Turn-On program gives the Company notice to withdraw from the program (for any one or more Residential rental units, or entirely), the program will not be available to the withdrawn Residential rent unit or to the Residential rental property owner (as applicable) for 12 months from the date of nonparticipation.

The connection charge will not apply when a Residential rental property owner participating in the RRPO program requests connection of service to a Residential rental unit participating in the program, when prior service to the Residential rental unit had been discontinued by a tenant, and before a new tenant establishes service at that Residential rental property unit. This option will only be available during a turn-off/turn-

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North Dakota, General Rules & Regulations  
ELECTRIC RATE SCHEDULE  
General Rules & Regulations  
~~CUSTOMER~~ CONNECTION CHARGE  
Section 1.04

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on service order. If the account (in tenant's or the Residential rental property owner's name) has been disconnected for nonpayment or disconnected at the Residential rental

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Controlled Service Agreement

Customer Name
Service Address
Account Number
Location Number



The undersigned Customer agrees to purchase Controlled Service from Otter Tail Power Company. Controlled Service is subject to terms and conditions as provided in the applicable Otter Tail Power Company's tariff.

Otter Tail Power Company's "Controlled Service" Rate is designed to provide lower cost electricity to customers who have electrical loads that can be shut off during "peak" demand periods.

When the electric loads are space heating systems, there is a danger that damage to the building may result if an alternate fuel heating system is not available or operational to come on when the electric heat is shut off during the control period. This danger is obviously most prevalent if the alternate fuel is a type that must be hand fired, such as a wood burner or in some rare cases where no alternate system is available.

While Otter Tail Power Company does not specify what type of alternate fuel must be used, Customers who choose to have a hand fired system or no backup need to be aware of the possible consequences when it does become necessary for the electric heat to be switched off when nobody is around to hand fire the alternate system or to monitor the temperature in the premise.

In order for Otter Tail Power Company to offer the reduced rate, it must be able to turn off all electric heat. Controlled Service requires that no electric heating be used in the building when Otter Tail Power Company is controlling these electrical loads.

If the electric heat is shut off and no other heat source comes on to provide heat, the water in the plumbing could freeze and burst the pipes. Other damage could result from freezing temperatures in the structure.

In order to acknowledge that the Customer has been advised of, understands and agrees to the risks associated with receiving Controlled Service, the Customer has signed and delivered to Otter Tail Power Company the following statement:

To: Otter Tail Power Company - \_\_\_\_\_ Customer Service Center

1. I have read this Controlled Service Agreement and the related tariff provisions and understand the potential for damage my property and I are exposed to by using a hand fired heating fuel,

I plan to use a (type of fuel) \_\_\_\_\_, as my backup heating system. I understand, agree to, and accept the risks or damage to my property in the event that there is no backup heating system. It is my choice, however, to take Controlled Service and I will NOT hold Otter Tail Power Company liable or responsible for any damages that might occur due to a "shut off" of my primary electric heating system.

2. I also agree that, in order to qualify for the Controlled Service rate, I will not use electricity as a secondary "backup" fuel when the regular electric heating system is controlled.

Customer's signature \_\_\_\_\_ Date \_\_\_\_\_

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## Section 4.07 MONTHLY BILLING PERIOD AND PRORATED BILLS

A period of 365 days divided by 12 months [30.41667 days] ~~from 25 to 35 days inclusive~~ is considered a normal monthly Billing pPeriod ~~due to the normal variation of scheduled Meter reading dates~~. The Meter reading date may be advanced or postponed not more than five days without adjustment of the billing for the period. Bills will be prorated on a daily basis for a period of lesser than or greater than onea normal Billing Pperiod ~~when service is begun or terminated between the regular Meter reading dates~~. Proration on a daily basis also applies when the period between Meter readings is more than one normal Billing Period, which will be determined by the interval between two consecutive meter reading dates for metered services or between billing dates for non-metered services. The proration shall apply to the Customer Charge, Energy Charge, Demand Charge and Facilities Charge components of the rate.

Services will be prorated to the month in which they were consumed based on a computed daily average.

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**Section 4.10 PAYMENT POLICY**

Bills are due ~~by the date printed on the bill, which will be the next scheduled bill date, five days prior to the next billing date, and a~~ A late payment charge will not be imposed if payment is made prior to the next regular scheduled billing date. The next billing date is not less than 25 days from the current billing date, with the exception of a prorated bill. The billing date is no more than three working days before the date of mailing. Customers with at least 12 on-time, consecutive payments of regular bills prior to a delinquency date may not be billed a late payment charge, and a notice of late payment charges may not appear on the billing statements of such Customers.

If a Customer has been delinquent more than once during the last 12 consecutive months, a late payment charge will apply on any delinquent account with an unpaid balance that is more than \$5.00.

The late payment charge per monthly ~~b~~Billing ~~p~~Period is 1) 1.5% per month (18% per year), or 2) \$1.00, whichever is greater. For Customers who have been delinquent once or more during the last 12 consecutive months, a notice of possible late payment charge will be stated on the Customer's next bill. This late payment charge will be assessed during the Customer's next ~~b~~Billing ~~p~~Period and appear on the Customer's bill. All payments received are credited against the Customer's oldest outstanding account balance before the application of any late payment charge.

The delinquent amount for accounts on the Even Monthly Payment (EMP) plan as described in Section 4.11 of these General Rules and Regulations, or payment schedules, will be the outstanding account balance ~~(less allowance for EMP credits)~~ or the outstanding scheduled payments, whichever is greater.

A \$15.00 charge will be assessed due to payments not honored by the Customer's financial institution.

A Customer payment that has been dishonored twice by the issuing financial institution will be considered nonpayment of the Customer's utility bill.

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## Section 4.11 EVEN MONTHLY PAYMENT (EMP) PLAN

Residential and Commercial service Customers, at their request, may be billed under the Company’s Even Monthly Payment (EMP) plan. EMP provides for 11 equal monthly payments based on the Customer’s previous use at the premises when available, or an estimate of use for those premises based on previous usage at the premise.

The Company will review the Account usage and EMP balances after seven bills and 12 bills to ascertain the reasonableness of the budget amount under current rates or conditions of use of service, and the monthly payment will be adjusted accordingly.

Billing for the seventh and twelfth month of EMP program participation will reflect the actual billing for that month adjusted for the EMP credit or debit balance carried forward from the previous month. The maximum amount billed on the twelfth month is the larger of 125% of the old EMP amount or the old EMP amount plus \$5.00. If the amount due exceeds these limits, the old EMP amount will be billed and the excess will be spread over the next 12 months. The Company shall pay interest monthly on any accrued EMP credit balance using a two-week average of the six-month Certificate of Deposit rate offered the second and third weeks of June (effective July 1) and December (effective January 1) by the Bank of North Dakota.

~~The Company will review the account usage and EMP payment balances every four months during the year to ascertain the reasonableness of the budget amount under current rates or conditions of use of service, and the monthly payment will be adjusted accordingly.~~ Customers may end participation in the EMP plan at any time by providing the Company with reasonable prior notice. If the Customer incurs late charges as permitted in Section 4.10 of these General Rules and Regulations, or if the Customer’s account is more than 60 days past due, the Company may remove the Customer’s account from the EMP plan and the full balance of the account will become due.

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## Section 4.12 SUMMARY BILLING SERVICES

Under the Company’s Summary Billing Services, the Customer’s multiple monthly bills will be consolidated into a single billing statement each month. Customers need make only one payment covering the total amount due for all the accounts included in a summary bill. Summary Billing Services is an optional service in which the Customer may choose to participate. Upon Customer’s request, the Customer and the Company will enter into a contract for Summary Billing Services with a 45-day cancellation provision that applies to both parties.

~~The Company will work with Customers in choosing a monthly master billing date for a summary bill but reserves the final decision-making authority. Summary billing Accounts have been designated to process on the first business day on or after the 15<sup>th</sup> of each month.~~

The Company may, at its sole discretion, limit the number of accounts included in any one summary bill, and exclude accounts based on rate class or type, amount of bill, account arrearages, billing cycle, or participation in other programs. Participation in Company programs, such as Even Monthly Payment, Ready Check, and ePay, may restrict accounts from inclusion in summary billing.

~~Accounts may be combined from more than one bill date resulting in a delay of the bill statement mailing for all accounts until the master billing date is reached.~~ Individual accounts will be read on their normal reading cycle and placed on hold until all accounts are read. Once completed, the Customer will be billed based on the total accumulation of the sub accounts, including all Customer Charges, Energy Charges, Demand Charges, Facilities Charges, Fixed Charges, and Monthly Minimum Charges.

Payment policies remain in effect for each Customer participating in Summary Billing Services. Any determination of delinquencies will be based on the ~~new~~ master billing date. If a summary bill falls into arrears, the Company may, at its option, discontinue the Customer’s summary bill, reverting the individual accounts to separate monthly billing.

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## Section 5.03 TEMPORARY SERVICES

Pursuant to North Dakota Administrative Code Standards of Service 69-09-02-08, the Company may require the Customer to make an advance deposit sufficient to cover the estimated costs of furnishing temporary service. Customers taking temporary service shall pay the regular rates applicable to the class or classes of service rendered. In addition, the Company may require the Customer to pay the installation and removal cost, less salvage value, of facilities installed by the Company to furnish temporary service to the Customer. ~~If service is taken for less than one normal Billing Period, the Customer's bill will not be prorated. The Customer will be billed as though service had been taken for an entire month.~~

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## GLOSSARY AND SYMBOLS

### Section 8.01 GLOSSARY

#### Glossary of terms used in tariffs and riders

**Billing Demand** – A charge applied to an Energy Customer for Capacity reserved or made available explicitly for that Customer. Customer’s Demand as used by Company for billing purposes. Billing Demand is calculated and specified in applicable tariffs.

~~**Billing Period**—A timeframe of 25 to 35 days inclusive, used in the billing calculation.~~

**Capacity** – The maximum amount of power, normally expressed in Kilowatts (kW) or megawatts (MW), that a given system or subsystem can carry or produce at a particular moment.

**Commercial** - A business consumer of Energy.

**Commission** – The regulating entity in the state government that oversees the operations of investor-owned utilities. (See North Dakota Public Service Commission).

**Company** - Otter Tail Power Company, a Minnesota corporation, a regulated power company providing electricity to Customers in Minnesota, North Dakota and South Dakota.

**Control Criteria** - The terms and guidelines governing the supply of electricity to non-firm electric loads.

**CT Metering** – A watt-hour meter that is used with current transformers. The current transformer reduces the primary current to a secondary current applied to the meter in a known proportion. Used when the current exceeds 400 amperes.

**Customer** - Any party that is involved in the purchase or sale of electrical Energy from or to Company.

**Customer Charge** – Part of the monthly basic Distribution charge to partially cover costs for billing, Meter reading, equipment, service line maintenance and equipment. This charge is the same no matter how much electricity is used.

**Demand** – The rate at which electric Energy is delivered to or by a system, part of a system, or piece of equipment and is expressed in Kilowatts (kW) or megawatts (MW).

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## RESIDENTIAL SERVICE

DESCRIPTION	RATE CODE
Residential Service	<del>50-N</del> 101

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to ~~R~~esidential ~~S~~ervice as defined in the General Rules and Regulations.

**RATE:**

RESIDENTIAL SERVICE				
<b>Customer Charge per Month:</b>	\$8.00			
<b>Monthly Minimum Bill:</b>	Customer Charge			
<b>Energy Charge per kWh:</b>	Summer		Winter	
<b>First 1,000:</b>	8.074	¢/kWh	7.493	¢/kWh
<b>Excess:</b>	8.074	¢/kWh	6.803	¢/kWh

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**DEFINITIONS OF SEASONS:**

Summer: June 1 through September 30.

Winter: October 1 through May 31.

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**SEASONAL RESIDENTIAL SERVICE:**

1. These rates and regulations shall apply to seasonal and lake cottage service and to rural residential service only. Resorts, stores, farms and other nonresidential establishments will be billed at the rates provided for such classes of service.
2. Seasonal customers will be billed at the same rate as year-around Customers, except as follows:

Each seasonal Customer will be billed a one-time seasonal fixed charge of \$32.00 in addition to the rate provided above. The fixed charge will be included on the first bill rendered for each season.

Each seasonal Customer will be billed for the number of months each season that the residence or cottage is in use but not less than a minimum of four months, plus the seasonal fixed charge. The Company normally will read ~~M~~meters and render a bill during the months of June, July, August and September. At the Company's option, meters may be read at other times during the year and a bill will be rendered if ~~E~~energy recorded on the ~~M~~meter exceeds 100 kWh.

Bills may be rendered on a two-month basis at the Company's discretion when the energy used exceeds 100 kWh and more than 55 days have elapsed since the previous meter reading.

~~Seasonal Customers will also be subject to a connection charge of \$40.00 when the account is established.~~



**RESIDENTIAL DEMAND CONTROL SERVICE**  
 (Commonly identified as RDC)

DESCRIPTION	RATE CODE
Residential Demand Control	<del>50-N</del> 241

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to Residential Customers with approved ~~D~~emand control systems.

**RATE:**

RESIDENTIAL DEMAND CONTROL SERVICE		
Customer Charge per Month:	\$18.38	
Monthly Minimum Bill:	Customer + Demand Charge	
Energy Charge per kWh:	Summer	Winter
	4.257 ¢/kWh	4.301 ¢/kWh
Demand Charge per kW:	Summer	Winter
	\$6.52 /kW	\$2.63 /kW

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.



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**DEFINITIONS OF SEASONS:**

Summer: June 1 through September 30.  
Winter: October 1 through May 31.

**DETERMINATION OF BILLING DEMAND-DETERMINATION:** The Demand will be determined based on the peak one-hour Demand reading recorded during the winter controlled period for the most recent 12 months. ~~An estimated demand of three kW will be used for Customers new to this rate until demand is established.~~

**DEMAND SIGNAL:** Service may receive a Demand signal for up to a total of 14 hours during any 24-hour period, as measured from midnight to midnight. Water heaters served on this tariff will also be included in the Company's Summer water heater load control program.



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### FARM SERVICE

DESCRIPTION	RATE CODE
Farm Service	50-N361

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to general Farm and home use. The Customer may elect to have the following service offerings in the farm home (for residential uses); Residential Service (Section 9.01) or Residential Demand Control Service Schedule (Section 9.02) if all the requirements specified for that schedule are satisfied.

**RATE:**

FARM SERVICE		
Customer Charge per Month:	\$12.00	
Monthly Minimum Bill:	Customer + Facilities Charge	
Facilities Charge per Month:		
Single Phase	\$0.00	
Three Phase: Overhead <=25kVA	\$3.37	
Three Phase: Overhead > 25kVA	\$3.93	
Three Phase: Underground <=25kVA	\$9.39	
Three Phase: Underground > 25kVA	\$10.78	
Energy Charge per kWh:	Summer	Winter
First 1600	7.272 ¢/kWh	6.601 ¢/kWh
Excess	6.125 ¢/kWh	5.555 ¢/kWh

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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 Vice President, Regulatory Affairs

**SMALL GENERAL SERVICE**  
Under 20 kW

DESCRIPTION	RATE CODE
Metered Service under 20 kW – Secondary Service	<del>50-N</del> 404
Metered Service under 20 kW – Primary Service	<del>50-N</del> 405
<u>Non-metered Service – Secondary Service</u>	<u>N408</u>
<u>– CLOSED TO NEW INSTALLATIONS</u>	

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to three-phase Residential Customers, and both single and three-phase nonresidential Customers. This schedule is not applicable for eEnergy for resale, nor for municipal outdoor lighting. Emergency and supplementary/standby service will be supplied only as allowed by law.

**RATE:**

SECONDARY SERVICE			PRIMARY SERVICE	
Customer Charge per Month:	\$13.00		\$13.00	
Monthly Minimum Bill:	Customer Charge		Customer Charge	
Energy Charge per kWh:	Summer	Winter	Summer	Winter
	8.139 ¢/kWh	7.392 ¢/kWh	8.101 ¢/kWh	7.355 ¢/kWh

<u>NON-METERED SERVICE - SECONDARY SERVICE ONLY</u>		
<u>***CLOSED TO NEW INSTALLATIONS***</u>		
<u>Energy Charge per kWh:</u>	<u>Summer</u>	<u>Winter</u>
<u>All kWh</u>	<u>5.369 ¢/kWh</u>	<u>5.369 ¢/kWh</u>

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**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**DEFINITIONS OF SEASONS:**

Summer: June 1 through September 30.

Winter: October 1 through May 31.

**TERMS AND CONDITIONS:** ~~A-The~~ Customer may remain on the Small General Service schedule as long as the Customer's maximum demand ~~is less than~~ does not meet or exceed 20 kW for more than two of the most recent 12 months. When the Customer achieves an actual Demand of 20 kW or greater for a third time in the most recent 12 months, the Customer will be placed on the General Service schedule (Section 10.02) in the next billing month.

**DETERMINATION OF METERED DEMAND:** An estimated or metered demand shall be used to establish the applicability of this schedule, at the option of the Company. This demand shall be the maximum kW for the highest 15-minute period during the month for which a bill is rendered.-

**NON-METERED SERVICE:**

For applications where no metering is installed customer owns and operates multiple electronic devices: Each individual electronic device must not in any way interfere with Company operations and service to adjacent Customers.

In place of metered usage for each existing device, Customer will be billed for the predetermined Energy usage in kWh per existing device. The Energy Charge shall equal the sum of the predetermined Energy usage for Customer's approved existing devices in service for the billing month multiplied by the Energy Charge applicable for the billing month.



**GENERAL SERVICE**  
20 kW or Greater

DESCRIPTION	RATE CODE
General Service – Secondary Service	<del>50-N</del> 40 1
General Service – Primary Service	<del>50-</del> N403

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to three-phase Residential Customers, and both single and three-phase nonresidential Customers, with a measured Demand of at least 20 kW within the most recent 12 months. This schedule is not applicable for Energy for resale, nor for municipal outdoor lighting. Emergency and supplementary/standby service will be supplied only as allowed by law.

**RATE:**

	SECONDARY SERVICE	PRIMARY SERVICE								
Customer Charge per Month:	\$12.00	\$12.00								
Monthly Minimum Bill:	Customer + Facilities Charge	Customer + Facilities Charge								
Facilities Charge per Month: <u>per annual Max kW:</u> <u>(minimum 20 kW)</u>	\$0.52/kW	\$0.38/kW								
Energy Charge per kWh:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; border-right: 1px solid black;">Summer</td> <td style="text-align: center;">Winter</td> </tr> <tr> <td style="text-align: center; border-right: 1px solid black;">7.843 ¢/kWh</td> <td style="text-align: center;">7.122 ¢/kWh</td> </tr> </table>	Summer	Winter	7.843 ¢/kWh	7.122 ¢/kWh	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; border-right: 1px solid black;">Summer</td> <td style="text-align: center;">Winter</td> </tr> <tr> <td style="text-align: center; border-right: 1px solid black;">7.806 ¢/kWh</td> <td style="text-align: center;">7.086 ¢/kWh</td> </tr> </table>	Summer	Winter	7.806 ¢/kWh	7.086 ¢/kWh
Summer	Winter									
7.843 ¢/kWh	7.122 ¢/kWh									
Summer	Winter									
7.806 ¢/kWh	7.086 ¢/kWh									

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless

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Vice President, Regulatory Affairs



### LARGE GENERAL SERVICE

DESCRIPTION	RATE CODE
Secondary Service	<del>50-N</del> 603
Primary Service	<del>50-N</del> 602
Transmission Service	<del>50-N</del> 632

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to nonresidential Customers. This schedule is not applicable for ~~E~~energy for resale, nor for municipal outdoor lighting. Emergency and supplementary/standby service will be supplied only as allowed by law.

**RATE:**

SECONDARY SERVICE			
Customer Charge per Month:	\$40.00		
Monthly Minimum Bill:	Customer Charge + Facilities Charge + Demand Charge (min. 80 kW)		
Facilities Charge per Month:	per <del>a</del> Annual Maximum kW: ( <del>m</del> Minimum 80 kW <del>per Month</del> )		
< 1000 kW:	\$0.30/kW		
>= 1000 kW:	\$0.15/kW		
Energy Charge per kWh:	Summer	Winter	
First 700,000	4.745 ¢/kWh	4.795 ¢/kWh	
Excess	4.345 ¢/kWh	4.391 ¢/kWh	
Demand Charge per kW:	\$7.29 /kW	\$5.61 /kW	
	<del>(minimum 80 kW)</del>		

### COMMERCIAL SERVICE - TIME OF USE

DESCRIPTION	RATE CODE
<del>Declared-Peak</del> Commercial Service – Time of Use	<del>50-N708</del>
Intermediate	50-709
Off-Peak	50-710

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use under this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to nonresidential Customers with one meter providing electrical service, with a measured Demand of at least 20 kW within the most recent 12 months.

**RATE:**

COMMERCIAL SERVICE - TIME OF USE			
Customer Charge per Month:	\$16.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month: per annual <u>M</u> ax. kW: (minimum 20kW- <del>per-Month</del> )	\$0.52 /kW		
Energy Charge per kWh:	Summer	Winter	
Declared-Peak	20.293 ¢/kWh	13.309 ¢/kWh	
Intermediate	6.634 ¢/kWh	6.728 ¢/kWh	
Off-Peak	3.779 ¢/kWh	3.925 ¢/kWh	
Demand Charge per kW:	Summer	Winter	
<u>(minimum 20 kW)</u>			
Declared-Peak	\$0.00 /kW	\$0.00 /kW	
Intermediate	\$2.51 /kW	\$2.90 /kW	
Off-Peak	\$0.00 /kW	\$0.00 /kW	

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**TERMS AND CONDITIONS:** A Customer with a ~~B~~billing ~~D~~demand of less than 20 kW for 12 consecutive months will have the option to take service under the Small General Service schedule (Section 10.01).

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the applicability matrices of riders.

**DEFINITION OF DECLARED, INTERMEDIATE AND OFF-PEAK PERIODS BY SEASON:**

WINTER SEASON - OCTOBER 1 THROUGH MAY 31 ~~BILLINGS~~

Declared-Peak: Hours declared (see Declared-~~P~~Peak Notification)

Intermediate: All hours other than ~~D~~declared-~~P~~peak and ~~O~~off-~~P~~peak

Off-Peak: For all kW and kWh used Weekdays or Saturdays from 10:00 p.m. to 6:00 a.m., all day Sunday

SUMMER SEASON - JUNE 1 THROUGH SEPTEMBER 30 ~~BILLINGS~~

Declared-Peak: Hours declared (see Declared-Peak Notification)

Intermediate: All hours other than ~~D~~declared-~~P~~peak and ~~O~~off-~~P~~peak

Off-Peak: For all kW and kWh used Weekdays or Saturdays from 10:00 p.m. to 6:00 a.m., all day Sunday

**DECLARED-PEAK NOTIFICATION:** The Company shall make available to Customers, no later than 4:00 p.m. (Central Time) of the preceding day, "~~D~~declared-~~P~~peak" designations for the next business day. Except for unusual periods, the Company will make "~~D~~declared-~~P~~peak" designations for Saturday through Monday available to Customers on the previous Friday. More than one-day-ahead "~~D~~declared-~~P~~peak" designations may also be used for the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas.

Because circumstances prevent the Company from projecting "~~D~~declared-~~P~~peak" designations more than one day in advance, the Company reserves the right to revise and make available to Customers "~~D~~declared-~~P~~peak" designations for Sunday, Monday, any of the holidays mentioned above, or for the day following a holiday. Any revised "~~D~~declared-~~P~~peak" designations shall be made available by the usual means no later than 4:00 p.m. of the day prior to the prices taking effect.

The Company is not responsible for the Customer's failure to receive or obtain and act upon the "~~D~~declared-~~P~~peak" designations. If the Customer does not receive or obtain the "~~D~~declared-~~P~~peak" designations made available by the Company, it is the Customer's responsibility to notify the Company by 4:30 p.m. (Central Time) of the business day preceding the day that the "~~D~~declared-~~P~~peak" designations are to take effect. The Company will be responsible for notifying the Customer if prices are revised.

**DETERMINATION OF BILLING DEMAND:** The ~~B~~billing ~~D~~demand shall be the maximum ~~D~~demand in kW registered over any period of one hour for the month the bill is rendered.

**DETERMINATION OF FACILITIES CHARGE:** The monthly measured ~~D~~demand will be based on the maximum ~~D~~demand in kW registered over any one-hour period by a suitable ~~D~~demand ~~M~~meter for the month for which the bill is rendered. The Facilities Charge ~~D~~demand will be the greater of 20 kW or the largest of the most recent 12 monthly measured ~~D~~demands.



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**LARGE GENERAL SERVICE - TIME OF DAY - EXPERIMENTAL**

DESCRIPTION	<del>On-Peak</del> <b>RATE CODE</b>	<del>Shoulder</del>	<del>Off-Peak</del>
Secondary Service	<del>50-N</del> 611	<del>50-615</del>	<del>50-613</del>
Primary Service	<del>50-N</del> 610	<del>50-614</del>	<del>50-612</del>
Transmission Service	<del>50-N</del> 639	<del>50-637</del>	<del>50-640</del>

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to nonresidential Customers with measured ~~D~~emand of at least 80 kW within the most recent 12 months.

**RATE:**

SECONDARY SERVICE			
Customer Charge per Month:	\$60.00		
Monthly <del>m</del> inimum Bill:	\$325.00 + Customer + Facilities Charge		
Facilities Charge per Month:			
—per <del>A</del> nnual <del>M</del> aximum kW:			
—( <del>M</del> inimum 80 kW <del>per Month</del> )			
< 1000 kW:	\$0.30 /kW		
>= 1000 kW:	\$0.15 /kW		
Energy Charge per kWh:	Summer	Winter	
On-Peak	7.780 ¢/kWh	6.944 ¢/kWh	
Shoulder	5.877 ¢/kWh	5.579 ¢/kWh	
Off-Peak	3.351 ¢/kWh	3.829 ¢/kWh	
Demand Charge per kW:	Summer	Winter	
<u>(minimum 80 kW)</u>			
On-Peak	\$5.75 /kW	\$4.42 /kW	
Shoulder	\$1.59 /kW	\$1.22 /kW	
Off-Peak	\$0.00 /kW	\$0.00 /kW	

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<b>PRIMARY SERVICE</b>			
<b>Customer Charge per Month:</b>	\$60.00		
<b>Monthly <del>m</del>Minimum Bill:</b>	\$325.00 + Customer + Facilities Charge		
<b>Facilities Charge per Month:</b>	\$0.11 /kW		
<del>Per Annual Maximum kW:</del> <b>(Minimum 80 kW)</b>			
<b>Energy Charge per kWh:</b>	Summer	Winter	
<b>On-Peak</b>	7.745 ¢/kWh	6.908 ¢/kWh	
<b>Shoulder</b>	5.851 ¢/kWh	5.551 ¢/kWh	
<b>Off-Peak</b>	3.339 ¢/kWh	3.811 ¢/kWh	
<b>Demand Charge per kW:</b>	Summer	Winter	
<del>(minimum 80 kW)</del>			
<b>On-Peak</b>	\$5.71 /kW	\$4.39 /kW	
<b>Shoulder</b>	\$1.57 /kW	\$1.21 /kW	
<b>Off-Peak</b>	\$0.00 /kW	\$0.00 /kW	
<b>TRANSMISSION SERVICE</b>			
<b>Customer Charge per Month:</b>	\$60.00		
<b>Monthly <del>m</del>Minimum Bill:</b>	\$325.00 + Customer + Facilities Charge		
<del>Per Annual Maximum kW:</del> <del>(Minimum 80 kW)</del>			
<b>Facilities Charge per Month:</b>	\$0.00 /kW		
<del>per annual Maximum kW:</del> <del>(minimum 80 kW)</del>			
<b>Energy Charge per kWh:</b>	Summer	Winter	
<b>On-Peak</b>	7.530 ¢/kWh	6.693 ¢/kWh	
<b>Shoulder</b>	5.696 ¢/kWh	5.382 ¢/kWh	
<b>Off-Peak</b>	3.265 ¢/kWh	3.700 ¢/kWh	
<b>Demand Charge per kW:</b>	Summer	Winter	
<del>(minimum 80 kW)</del>			
<b>On-Peak</b>	\$4.86 /kW	\$3.74 /kW	
<b>Shoulder</b>	\$1.06 /kW	\$0.82 /kW	

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Off-Peak	\$0.00 /kW	\$0.00 /kW
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**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**DEFINITIONS OF SEASONS:**

Summer: June 1 through September 30.  
Winter: October 1 through May 31.

**DETERMINATION OF FACILITIES CHARGE:** The monthly measured ~~D~~emand will be based on the maximum ~~D~~emand in kW registered over any one-hour period by a suitable ~~D~~emand ~~M~~eter for the month for which the bill is rendered. The Facilities ~~C~~harge ~~D~~emand will be the greater of 80 kW or the largest of the most recent 12 monthly measured ~~D~~emands.

**DETERMINATION OF METERED AND ESTABLISHED DEMAND:** The Metered Demand shall be the maximum kW registered over any period of one hour during the month for which the bill is rendered. The Established Demand shall be the Metered Demand adjusted for ~~E~~xcess ~~R~~eactive ~~D~~emand.

**ADJUSTMENT FOR EXCESS REACTIVE DEMAND:** The Metered Demand shall be increased by one kW for each whole ten kVar of reactive demand in excess of 50% of the measured demand in kW.

**DEFINITION OF ON-PEAK, SHOULDER AND OFF-PEAK PERIODS BY SEASON:**

WINTER SEASON - OCTOBER 1 THROUGH MAY 31 ~~BILLINGS-~~

On-Peak: For all kW and kWh used Monday through Friday between 7:00 a.m. and 12:00 noon, and between 5:00 p.m. and 9:00 p.m.

Shoulder: For all kW and kWh used Monday through Friday hours 6:00 a.m. to 7:00 a.m., hours 12:00 noon to 5:00 p.m. and hours 9:00 p.m. to 10:00 p.m. and, Saturday through Sunday 6:00 p.m. to 10:00 p.m.

Off-Peak: For all other kW and kWh used Monday through Friday hours 10:00 p.m. to 9:00 a.m. and, Saturday and Sunday 10:00 p.m. through 9:00 a.m.

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SUMMER SEASON - JUNE 1 THROUGH SEPTEMBER 30 ~~BILLINGS~~

On-Peak: For all kW and kWh used Monday through Friday between 1:00 p.m. and 7:00 p.m.

Shoulder: For all kW and kWh used Monday through Friday 9:00 a.m. to 1:00 p.m., and 7:00 p.m. to 10:00 p.m., Saturday through Sunday 9:00 a.m. to 10:00 p.m.

Off-Peak: For all kW and kWh used Monday through Friday hours 10:00 p.m. to 9:00 a.m. and, Saturday and Sunday 10:00 p.m. through 9:00 a.m.

**CONTRACT PERIOD & AGREEMENT**: Contract period will be outlined in agreement.

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### STANDBY SERVICE

DESCRIPTION	OPTION A: FIRM			OPTION B: NON-FIRM		
	<del>On-Peak</del> <u>RATE</u> <u>CODE</u>	<del>Shoulder</del>	<del>Off-Peak</del>	<del>On-Peak</del> <u>RATE</u> <u>CODE</u>	<del>Shoulder</del>	<del>Off-Peak</del>
Transmission Service	<del>50-N</del> 941	<del>50-942</del>	<del>50-943</del>	<del>50-N</del> 950	<del>50-951</del>	<del>50-952</del>
Primary Service	<del>50-N</del> 944	<del>50-945</del>	<del>50-946</del>	<del>50-N</del> 953	<del>50-954</del>	<del>50-955</del>
Secondary Service	<del>50-N</del> 947	<del>50-948</del>	<del>50-949</del>	<del>50-N</del> 956	<del>50-957</del>	<del>50-958</del>

**RULES AND REGULATIONS:** Terms and conditions of this schedule and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule provides Backup, Scheduled Maintenance, and Supplemental Services. This schedule is applicable to any Customer who has the following conditions:

1. Requests to become a Standby Service Customer of the Company. Otherwise, the Company views the Customer as a Non-Standby Service Customer. For information about the different categories of Non-Standby Service Customers, including exemptions from Standby Service, please see Definitions and Useful Terms, beginning on page 5.
2. Utilizes Extended Parallel Generation Systems to meet all or a portion of electrical requirements, which is capable of greater than 60 kW. Customers with Extended Parallel Generation Systems used to meet all or a portion of electrical requirements that are capable of 60 kW or less are considered Non-Standby Service Customers and exempt from paying standby charges. Please see ~~Attachment No. 1~~ Definitions and Useful Terms for more information regarding Non-Standby Service Customers.

The Company delivers alternating current service at transmission, primary or secondary voltage under this rate schedule, supplied through one Mmeter.

Power production equipment at the Customer site shall not operate in parallel with the Company's system until the installation has been inspected by an authorized Company representative and final written approval is received from the Company to commence parallel



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operation.

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**RATE:**

<b>OPTION A: FIRM STANDBY</b>			
	<b>Transmission Service</b>	<b>Primary Service</b>	<b>Secondary Service</b>
<b>Firm Standby Fixed Charges</b>			
Customer Charge <u>per Month</u>	\$199.00/month	\$199.00/month	\$199.00/month
Minimum Monthly Bill	Customer + Reservation + Standby Facilities Charges	Customer + Reservation + Standby Facilities Charges	Customer + Reservation + Standby Facilities Charges
Summer Reservation Charge per month per kW of Contracted Backup Demand	81.704 ¢/kW	84.590 ¢/kW	85.069 ¢/kW
Winter Reservation Charge per month per kW of Contracted Backup Demand	9.254 ¢/kW	9.634 ¢/kW	9.697 ¢/kW
Standby Distribution Facilities charge per <b>month</b> per kW of Contracted Backup Demand	Not Applicable	11.00 ¢/kW	30.00 ¢/kW
<b>Firm Standby On-Peak Demand Charge - Summer</b>			
Metered Demand per <b>day</b> per kW On-Peak Backup Charge	35.865 ¢/kW	48.683 ¢/kW	49.076 ¢/kW
<b>Firm Standby On-Peak Demand Charge - Winter</b>			
Metered Demand per <b>day</b> per kW On-Peak Backup Charge	28.694 ¢/kW	31.978 ¢/kW	32.187 ¢/kW
<b>Firm Standby Energy Charges - Summer</b>			
Energy Charges per kWh			
On-Peak Charge	7.530 ¢/kWh	7.745 ¢/kWh	7.780 ¢/kWh
Shoulder Charge	5.696 ¢/kWh	5.851 ¢/kWh	5.877 ¢/kWh
Off-Peak Charge	3.265 ¢/kWh	3.339 ¢/kWh	3.351 ¢/kWh
<b>Firm Standby Energy Charges - Winter</b>			
Energy Charges per kWh			
On-Peak Charge	6.693 ¢/kWh	6.908 ¢/kWh	6.944 ¢/kWh
Shoulder Charge	5.382 ¢/kWh	5.551 ¢/kWh	5.579 ¢/kWh
Off-Peak Charge	3.700 ¢/kWh	3.811 ¢/kWh	3.829 ¢/kWh

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<b>OPTION B: NON-FIRM STANDBY</b>			
	<b>Transmission Service</b>	<b>Primary Service</b>	<b>Secondary Service</b>
<b>Non-Firm Standby Fixed Charges</b>			
Customer Charge <u>per Month</u>	\$199.00/month	\$199.00/month	\$199.00/month
Minimum Monthly Bill	Customer + Reservation + Standby Facilities Charge	Customer + Reservation + Standby Facilities Charge	Customer + Reservation + Standby Facilities Charge
Reservation Charge per month per kW of Contracted Backup Demand	Not Available	Not Available	Not Available
Standby Facilities charge per <b>month</b> per kW of Contracted Backup Demand	Not Applicable	11.00 ¢/kW	30.00 ¢/kW
<b>Non-Firm Standby On-Peak Demand Charge - Summer</b>			
Metered Demand per <b>day</b> per kW On-Peak Backup Charge	Not Available	Not Available	Not Available
<b>Non-Firm Standby On-Peak Demand Charge - Winter</b>			
Metered Demand per <b>day</b> per kW On-Peak Backup Charge	Not Available	Not Available	Not Available
<b>Non-Firm Standby Energy Charges - Summer</b>			
Energy Charges per kWh			
On-Peak Charge	Not Available	Not Available	Not Available
Shoulder Charge	5.696 ¢/kWh	5.851 ¢/kWh	5.877 ¢/kWh
Off-Peak Charge	3.265 ¢/kWh	3.339 ¢/kWh	3.351 ¢/kWh
<b>Non-Firm Standby Energy Charges - Winter</b>			
Energy Charges per kWh			
On-Peak Charge	Not Available	Not Available	Not Available
Shoulder Charge	5.382 ¢/kWh	5.551 ¢/kWh	5.579 ¢/kWh
Off-Peak Charge	3.700 ¢/kWh	3.811 ¢/kWh	3.829 ¢/kWh

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### IRRIGATION SERVICE

DESCRIPTION	RATE CODES
Option 1: Non-Time-of-Use	<del>50-N</del> 703
Option 2: <del>Declared Peak</del> <u>Time of Use</u>	<del>50-N</del> 704
<del>Option 2: Intermediate</del>	<del>50-705</del>
<del>Option 2: Off Peak</del>	<del>50-706</del>

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This service is applicable to Customers for pumping water for irrigation of land during the irrigation season, April 15 through November 1.

**RATE:**

OPTION 1			
Customer Charge per Month:	\$1.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month:	Customer-Specific see Tariff		
	Summer		Winter
Energy Charge per kWh:	6.526	¢/kWh	4.775 ¢/kWh

NORTH DAKOTA PUBLIC  
 SERVICE COMMISSION  
 Dakota  
 Case No. PU-~~17-398~~18-  
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APPROVED: Bruce G. Gerhardson  
 Vice President, Regulatory Affairs



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**DEFINITION OF DECLARED, INTERMEDIATE AND OFF-PEAK PERIODS BY SEASON:**

**WINTER SEASON** – April 15 through May 31, and October 1 through November 1.

Declared-Peak: Hours declared.

Intermediate: All hours other than ~~D~~declared-~~P~~peak and ~~O~~off-peak.

Off-Peak: For all kWh used Weekdays or Saturdays from 10:00 p.m. to 6:00 a.m., all day Sunday.

**SUMMER SEASON** – June 1 through September 30

Declared-Peak: Hours declared.

Intermediate: All hours other than ~~D~~declared-peak and ~~O~~off-peak.

Off-Peak: For all kWh used Weekdays or Saturdays from 10:00 p.m. to 6:00 a.m., all day Sunday.

**CONTRACT PERIOD AND AGREEMENT:** The minimum Contract Period shall be five years.

The Company shall enter into a written agreement with each Customer served at this rate and the Customer shall agree to pay for service at this rate for a minimum period of five years because of the investment of the Customer in pumping and irrigation equipment, and of the Company in the extension of lines.

If, during the terms of such agreement, the Company shall establish a superseding rate for this service, the Customer shall be billed at the superseding rate for the balance of the term of the contract and shall comply with all terms and conditions of the superseding rate. Unless there is additional investment by the Company, there shall be no change in the amount of the fixed charge during the term of such agreement regardless of the provisions of any superseding rate.

An agreement will be entered into with each Customer, specifying the investment necessary to supply service and the fixed charge.



**OUTDOOR LIGHTING – ENERGY ONLY  
DUSK TO DAWN**

DESCRIPTION	RATE CODES
Sign Lighting	<del>50-N</del> 744
<del>Municipal Holiday Lighting</del>	<del>N</del> 747
Outdoor Lighting - Metered	<del>50-N</del> 748
Outdoor Lighting - Non-Metered	<del>50-N</del> 749

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to all Customers who choose to own, install, and maintain automatically operated dusk to dawn outdoor lighting equipment. Under the schedule, the Company will provide only the dusk to dawn electric ~~E~~energy.

**EQUIPMENT AND SERVICE OWNERSHIP:** The Customer or other third party shall install and own all equipment necessary for service beyond the point of connection with the Company's electrical system. The point of connection shall be at the ~~M~~meter or disconnect switch, for service provided either overhead or underground. The Customer will be responsible for furnishing and installing a master disconnect switch at the point of connection so as to isolate the Customer's equipment from the Company's electrical system. The Customer's disconnect switch must meet the Company's specifications.

The Customer is responsible for the cost of providing maintenance on the equipment it owns. The Company reserves the right to disconnect the Customer's equipment from the Company's electrical system should the Company determine the Customer's lighting equipment is operated or maintained in an unsafe or improper manner.



**RATE – METERED:**

<u>MUNICIPAL HOLIDAY LIGHTING*/OUTDOOR LIGHTING - ENERGY ONLY—METERED RATE</u>	
Customer Charge per Month:	\$2.00
Monthly Minimum Bill:	Customer Charge
Energy Charge per kWh:	6.608 ¢/kWh

\*Municipal Holiday Lighting is billed on a calculated Energy amount, determined by the number of lighting fixtures in service and their associated wattage during the holiday season. This rate is billed annually.

**RATE – NON-METERED:**

SIGN LIGHTING/OUTDOOR LIGHTING <del>NON-METERED RATE</del>
Monthly charge = Connected kW x \$22.58, where Connected kW is the rated power of the lighting fixture (including ballast).

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**SERVICE CONDITIONS:** Company-owned lights shall not be attached to Customer-owned property.

The Company shall have the right to periodically review the Customer’s lighting equipment to verify that the rated power (kW) of the non-metered fixtures is consistent with the Company’s records.



**OUTDOOR LIGHTING  
DUSK TO DAWN**

DESCRIPTION	RATE CODE
Street and Area Lighting	<del>50-N</del> 741
<del>Floodlighting</del>	<del>50-743</del>

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to any Customer, including a village, town or city, for automatically operated dusk to dawn outdoor lighting supplied and operated by the Company.

**RATE:**

<b>STREET AND AREA LIGHTING</b>			
<b>Unit Type</b>	<b>Lumens</b>	<b>Wattage</b>	<b>Monthly Charge</b>
MV-6	6,000	175	\$ 6.75
MV-6PT	6,000	175	9.74
MV-11	11,000	250	12.33
MV-21	21,000	400	16.15
MV-35	35,000	700	23.57
MV-55	55,000	1000	30.00
MA-8	8,500	100	8.31
MA-14	14,000	175	15.95
MA-20	20,500	250	18.12
MA-36	36,000	400	17.64
MA-110	110,000	1000	37.83
HPS-9	9,000	100	7.15
HPS-9PT	9,000	100	9.56
HPS-14	14,000	150	11.55
HPS-14PT	14,000	150	12.29
HPS-19	19,000	200	13.37
HPS-23	23,000	250	15.09
HPS-44	44,000	400	18.63

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### MUNICIPAL PUMPING SERVICE

DESCRIPTION	RATE CODE
Secondary Service	<del>50-N</del> 872
Primary Service	<del>50-N</del> 874

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to nonseasonal municipal or other governmental loads only. It shall apply to electric service for motor driven pumps for use at water pumping and treating plants, sewage disposal and treating plants, sewage lift stations and may extend to all lighting and other electrical requirements incidental to the operation of such plants and lift stations at those locations. Municipal buildings adjacent to, but not incidental to the pumping operation, may not be served on this rate.

The rate and monthly minimum shall apply to each Mmeter in service. Except where service through a Mmeter is for electric space heating only, the Energy on this Mmeter shall be added to the pumping Mmeter for billing purposes.

The Company retains the authority to allow totalizing at locations where allowed electric space heating load is metered separately from the pumping load. In all other cases the monthly minimum shall apply to each Mmeter providing service under this tariff.

**RATE:**

SECONDARY SERVICE		
Customer Charge per Month:	\$4.00	
Monthly Minimum Bill:	Customer + Facilities Charge	
Facilities Charge per Month:	\$4.00	
Energy Charge per kWh:	Summer	Winter
	6.153 ¢/kWh	5.580 ¢/kWh



Fergus Falls, Minnesota

**CIVIL DEFENSE - FIRE SIRENS**

DESCRIPTION	RATE CODE
Civil Defense – Fire Sirens	<del>50-N</del> 843

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to separately served civil defense and municipal fire sirens.

**RATE:**

CIVIL DEFENSE - FIRE SIRENS	
Customer Charge per Month:	\$1.00
Monthly Minimum Bill:	Customer Charge
Facilities Charge per Month:	\$0.00
Charge per HP:	53.193¢/HP

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**OTHER SIREN SERVICE:** If the siren is served through a tariff applicable to the City Hall, fire hall or other tariffed service, no separate billing shall be made for the siren.

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Vice President, Regulatory Affairs



**SMALL POWER PRODUCER RIDER  
OCCASIONAL DELIVERY ENERGY SERVICE  
(Commonly identified as Net Energy Billing)**

Base Avoided Costs Code ~~50-9020~~N920  
Base Avoided Costs plus Renewable Energy Credit Code ~~50-9021~~N921

**RULES AND REGULATIONS:** Terms and conditions of this rider and the General Rules and Regulations govern service of this schedule.

**AVAILABILITY:** Available to any qualifying facility not exceeding 100 kW of generating capacity.

**METERING CHARGE:** \$1.40 per month

**PAYMENT SCHEDULES:** Base Avoided Costs: 2.392¢ per kWh

Base Avoided Costs plus Renewable Energy Credit: 2.452¢ per kWh

**SPECIAL CONDITIONS OF SERVICE:** The Customer will be required to sign a contract, agreeing to terms and conditions specified for small power producers. The minimum term of the contract is 12 months.

~~**RULES AND REGULATIONS:** Terms and conditions of this rider and the General Rules and Regulations govern service of this schedule.~~

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the Metering Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

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**SMALL POWER PRODUCER RIDER  
TIME OF DELIVERY ENERGY SERVICE**

Base Avoided ~~On-Peak~~ Costs Code ~~50-9030~~N930  
~~Base Avoided Off-Peak Costs~~ Code ~~50-9031~~  
Base Avoided ~~On-Peak~~ Costs Plus Renewable Energy Credit Code ~~50-9032~~N932  
~~Base Avoided Off-Peak Costs Plus Renewable Energy Credit~~ Code ~~50-9033~~

**AVAILABILITY:** This rider is available to any Qualifying Facility not exceeding 100 kW of generating capacity. This rider is available to any Qualifying Facility exceeding 100 kW upon the approval of the Company. The Company reserves the right to require the Qualifying Facility to sign an Agreement.

**METERING CHARGE:** \$12.85 per month

**PAYMENT SCHEDULE:** ENERGY:

Base Avoided Costs	<u>On-Peak</u> <del>50-9030</del>	<u>Off-Peak</u> <del>50-9031</del>
Summer	2.826¢ per kWh	1.779¢ per kWh
Winter	2.919¢ per kWh	2.004¢ per kWh

Base Avoided Costs	<u>On-Peak</u> <del>50-9032</del>	<u>Off-Peak</u> <del>50-9033</del>
Plus Renewable Energy Credit		
Summer	2.886¢ per kWh	1.839¢ per kWh
Winter	2.979¢ per kWh	2.064¢ per kWh

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the Metering Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.



**SMALL POWER PRODUCER RIDER  
DEPENDABLE SERVICE**

Base Avoided ~~On-Peak~~ Costs Code ~~50-9040~~N940  
~~Base Avoided Off Peak Costs~~ Code ~~50-9041~~  
 Base Avoided ~~On-Peak~~ Costs Plus Renewable Energy Credit Code ~~50-9042~~N942  
~~Base Avoided Off Peak Costs Plus Renewable Energy Credit~~ Code ~~50-9043~~

**AVAILABILITY:** Available to any qualifying facility which is capable of delivering power and energy to the Company on a dependable basis.

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the Metering Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**METERING CHARGE:** \$12.85 per month

**PAYMENT SCHEDULE:**

**ENERGY:**

Base Avoided Costs	<u>On-Peak</u> <del>50-9040</del>	<u>Off-Peak</u> <del>50-9041</del>
Summer	2.826¢ per kWh	1.779¢ per kWh
Winter	2.919¢ per kWh	2.004¢ per kWh

Base Avoided Costs Plus Renewable Energy Credit	<u>On-Peak</u> <del>50-9042</del>	<u>Off-Peak</u> <del>50-9043</del>
Summer	2.886¢ per kWh	1.839¢ per kWh
Winter	2.979¢ per kWh	2.064¢ per kWh

**CAPACITY:**

	Monthly \$/kW	Monthly \$/kW
Contract	Net Capacity	Levelized
<u>Term</u>	<u>Rate</u>	<u>Rate</u>
60 mos.	\$5.86	\$2.34

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 Vice President, Regulatory Affairs



Fergus Falls, Minnesota

**RENEWABLE RESOURCE COST RECOVERY RIDER**

DESCRIPTION	RATE CODE
All Services	<del>50-</del> <u>520NRRA</u>

**RULES AND REGULATIONS:** Terms and conditions of this rider and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF RIDER:** This rider is applicable to electric service under all of the Company’s Retail Rate Schedules in Section 9, 10, 11, 12, 13.05, and 14, except for Section 14.09 (**TailWinds**) and Section 14.11 (Released Energy Access Program Rider).

**COST RECOVERY CHARGE:** There shall be included on each North Dakota customer’s monthly bill a Renewable Resource Cost Recovery (“RRC”) charge based on the applicable cost recovery factor multiplied by the Customer’s monthly bill. The Customer’s monthly bill shall be based on all applicable charges and credits under the Company’s retail rate schedules in Sections 9, 10, 11, 12, and 14, except for Section 14.09 (**TailWinds**) and Section 14.11 (Released Energy Access Program Rider). The RRC charge will not apply to any Mandatory Riders or sales tax and any local assessments as provided in the General Rules and Regulations for the Company’s electric service, except Section 13.05 (Economic Development Cost Removal Rider). The following charges are applicable in addition to all charges for service being taken under the Company’s standard rate schedules and will be included in the Energy and Renewable Adjustment line item on the customer’s bill.

**Renewable Resource Cost Recovery Factor - 7.493 percent**

**DETERMINATION OF RENEWABLE RESOURCE COST CHARGE:** The RRC Factor shall be determined by dividing the forecasted *balance of the RRC Tracker account* by the *forecasted retail revenues subject to the RRC Factor*. The forecasted RRC Tracker balance and retail revenues shall be based on the forecast for the appropriate 12 month period (or such other period as may be approved by the Commission). The RRC Factor shall be rounded to the nearest 0.001 percent.

**ECONOMIC DEVELOPMENT COST REMOVAL RIDER**

DESCRIPTION	RATE CODE
All Service	<del>50-</del> <del>560</del> NEDCR

**RULES AND REGULATIONS:** Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this rider.

**APPLICATION OF RIDER:** This rider is applicable to electric service under all of the Company's Retail Rate Schedules.

**COST RECOVERY FACTOR:** There shall be included on each North Dakota Customer's monthly bill an Economic Development Cost Removal, which shall be the Economic Development Cost Removal Factor multiplied by all of the Customer's monthly billing kWh's for electric service. This Economic Development Cost Removal shall be calculated before any applicable municipal payment adjustments and sales taxes as provided in the General Rules and Regulations for the Company's electric service. The Economic Development Cost Removal shall be in addition to all charges for service being taken under the Company's standard rate schedules.

Economic Development Cost Removal Factor (0.025) ¢ per Kilowatt-hour

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

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Affairs

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APPROVED: ~~Thomas R. Brause~~Bruce G.

Vice President, ~~Administration~~Regulatory

**TRANSMISSION COST RECOVERY RIDER**

DESCRIPTION	RATE CODE
Large General Service – <u>Demand charge</u>	<del>50-</del> <del>510</del> <u>NTCRD</u>
<u>Large General Service — Energy charge</u>	<u>NTCRE</u>
Controlled Service	<del>50-</del> <del>511</del> <u>NTCRC</u>
Lighting	<del>50-</del> <del>512</del> <u>NTCRL</u>
All Other Service	<del>50-</del> <del>513</del> <u>NTCRO</u>

**REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this rider.

**APPLICATION OF RIDER:** This rider is applicable to any electric service under all of the Company’s retail rate schedules.

**COST RECOVERY FACTOR:** There shall be included on each North Dakota Customer’s monthly bill a Transmission Cost Recovery charge, which shall be calculated before any applicable municipal payment adjustments and sales taxes as provided in the General Rules and Regulations for the Company’s electric service. The following charges are applicable in addition to all charges for service being taken under the Company’s standard rate schedules.

**RATE:**

<b>TRANSMISSION COST RECOVERY</b>			
Energy Charge per kWh:	kWh		kW
<b>Large General Service (a)</b>	N/A	¢/kWh	\$1.632
<b>Controlled Service (b)</b>	0.085	¢/kWh	N/A
<b>Lighting (c)</b>	0.312	¢/kWh	N/A
<b>All Other Service</b>	0.543	¢/kWh	N/A

(a) Rate schedules 10.03 Large General Service, 10.05 Large General Service – Time of Day, 14.02 Real Time Pricing Rider and 14.03 Large General Service Rider.

- (b) Rate Schedules 14.01 Water Heating, 14.04 Interruptible Load (CT Metering), 14.05 Interruptible Load (Self-Contained Metering), 14.06 Deferred Load, and 14.07 Fixed Time of Delivery
- (c) Rate Schedules 11.03 Outdoor Lighting (energy only) and 11.04 Outdoor Lighting



Fergus Falls, Minnesota

**ENVIRONMENTAL COST RECOVERY RIDER**

DESCRIPTION	RATE CODE
All Service – Environmental Cost Recovery	<del>50-</del> <del>570</del> NECR
All Service – Reagent and Allowance Cost Recovery	<del>50-</del> <del>572</del> NECRR

**RULES AND REGULATIONS:** Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this rider.

**APPLICATION OF RIDER:** This rider consists of two separate charges; the Environmental Cost Recovery (“ECR”) Rider Charge and the Reagents and Emissions Allowance Adjustment (“REAA”) Rider Charge. This rider is applicable to electric service under all of the Company’s retail rate schedules in Sections 9, 10, 11, 12, 13.05, and 14, except for Section 14.09 (**TailWinds**) and Section 14.11 (Released Energy Access Program Rider).

**ENVIRONMENTAL COST RECOVERY CHARGE:** There shall be included on each North Dakota Customer’s monthly bill an Environmental Cost Recovery (“ECR”) Charge, based on the applicable ECR Factor multiplied by the Customer’s monthly bill. The Customer’s monthly bill shall be based on all applicable charges and credits under the Company’s retail rate schedules in Sections 9, 10, 11, 12 and 14, except for Section 14.09 (**TailWinds**) and Section 14.11 (Released Energy Access Program Rider). The ECR Factor will not apply to any Mandatory Riders, except Section 13.05 (Economic Development Cost Removal Rider). The ECR charge will be included as part of the charge reflected on the Customer’s bill on the line labeled “EPA Req Environmental Cst.”

**Environmental Cost Recovery Factor - 5.993 percent**

**DETERMINATION OF ECR FACTOR:** The ECR Factor shall be determined by dividing the forecasted *balance of the ECR Tracker account* by the *forecasted retail revenues subject to the ECR Factor*. The forecasted ECR Tracker balance and retail revenues shall be based on the forecast for the appropriate 12 month period (or such other period as may be approved by the Commission). The ECR Factor shall be rounded to the nearest 0.001 percent.

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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

~~Interim~~  
North Dakota, Section 13.08  
ELECTRIC RATE SCHEDULE  
Environmental Cost Recovery Rider  
Page 2 of 4  
~~Third-Fourth~~ Revision

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The *balance of the ECR Tracker account* for determination of the ECR Factor shall include annual revenue requirements and any true-up balance described as follows:

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Fergus Falls, Minnesota

### WATER HEATING CONTROL RIDER

DESCRIPTION	RATE CODE
Separately Metered Water Heating Control Service	<del>50-N</del> 191
Water Heating Credit Control Service	<del>50-N</del> 192

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available for Residential or nonresidential purposes.

**RATE:**

WATER HEATING - CONTROLLED SERVICE - <u>191</u>		
Customer Charge per Month:	\$1.00	
Monthly Minimum Bill:	Customer + Facilities Charge	
Facilities Charge per Month:	\$1.00	
Energy Charge per kWh:	Summer	Winter
	5.403 ¢/kWh	5.268 ¢/kWh

WATER HEATING CREDIT - <u>192</u>
A \$4.00 credit per month shall be applied to all bills having direct control water heating, except the credit shall not reduce the monthly billing to less than the Monthly Minimum Bill.

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the

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Fergus Falls, Minnesota

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North Dakota electric rates for the matrices of riders.

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**REAL TIME PRICING RIDER**

DESCRIPTION	RATE CODE
Transmission Service	<del>50-N</del> 660
Primary Service	<del>50-N</del> 662
Secondary Service	<del>50-N</del> 664

**RULES AND REGULATIONS:** Terms and condition of this tariff and the General Rules and Regulations govern use of this schedule.

**INTERIM RATE ADJUSTMENT:** A 6.79 percent increase will be added to the Administrative Charge.

**AVAILABILITY:** This rider is available on a voluntary basis to Customers who have maintained a measured ~~d~~Demand of at least 200 kW during the historical period used for Customer Baseline Load (“CBL”) development. Priority will be established based on the date that an agreement is executed by both the Customer and the Company.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**ADMINISTRATIVE CHARGE:** An Administrative Charge in the amount of \$199.00 will be applied to each monthly bill to cover billing, administrative, metering, and communication costs associated with real-time pricing, plus any other applicable tariff charges.

**TYPE OF SERVICE:** Three-phase, 60 hertz at any available Standard Voltage.

**TERM OF SERVICE:** Service under this rider shall be for a period not less than one year. The Customer shall take service under this rider by either signing a new electric service agreement with the Company or by entering into amendments of existing electric service agreements. A Customer who voluntarily cancels service under this rider is not eligible to receive service again under this rider for a period of one year.

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**PRICING METHODOLOGY:** Hourly prices are determined for each day based on projections of the hourly system incremental costs, losses according to voltage level, hourly outage costs (when applicable), and profit margin.

**CUSTOMER BASELINE LOAD:** The Customer Baseline Load is specific to each Real Time Pricing (“RTP”) Customer and is developed using a 12-month period of hourly (8,760) ~~E~~energy levels (kWh) as well as the corresponding twelve monthly ~~B~~billing ~~D~~demands based on the Customer's rate schedule under which it was being billed immediately prior to taking service under the RTP Rider. The Customer's CBL must be agreed to in writing by the Customer as a precondition of receiving service under this rider.

The Customer's CBL is a representation of its typical pattern of electricity consumption and is derived from historical usage data. The CBL is used to produce the Standard Bill and from which to measure changes in consumption for purposes of billing under the RTP rider.

**STANDARD BILL:** The Standard Bill is calculated by applying the charges in the rate schedule under which the Customer was being billed immediately prior to taking service under the RTP rider to both the Customer's CBL ~~D~~demand (adjusted for ~~R~~reactive ~~D~~demand) and the CBL level of energy usage for each month of the RTP service year. The Company will immediately adjust a Customer's Standard Bill to reflect any changes which are approved by the North Dakota Public Service Commission to the applicable rate schedule.

**BILL DETERMINATION:** A Real Time Pricing bill will be rendered after each monthly billing period. The bill consists of an Administrative Charge, a Standard Bill, a charge (or credit) for consumption changes from the CBL, and an excess reactive ~~D~~demand charge/credit. The monthly bill is calculated using the following formula:

<b>RTP Bill<sub>Mo</sub> = Adm. Charge + Std Bill<sub>Mo</sub> + Consumption Changes from CBL<sub>Hr</sub> + Excess Reactive Demand</b>	
<b>Where:</b>	
RTP Bill <sub>Mo</sub>	= Customer's monthly bill for service under this Rider
Adm. Chg.	= See Administrative Charge section <del>below</del> above
Std. Bill <sub>Mo</sub>	= See Standard Bill section above
Consumption Changes From CBL	= $\Sigma \{Price_{Hr} \times \{Load_{Hr} - CBL_{Hr}\}\}$
Excess Reactive Demand	= See Excess Reactive Demand section below
$\Sigma$	= Sum over all hours of the monthly billing period
Price <sub>Hr</sub>	= Hourly RTP price as defined under Pricing Methodology
Load <sub>Hr</sub>	= Customer's actual load for each hour of the billing period
CBL <sub>Hr</sub>	= Customer's CBL energy usage for each hour of the billing period

**CONSUMPTION CHANGES FROM CBL:** Hourly RTP prices are applied only to the difference, determined in kWhs for each hour of the billing period, between the Customer's actual ~~E~~energy usage and its CBL ~~E~~energy usage.

**EXCESS REACTIVE DEMAND:** The Reactive Demand shall be the maximum KVAR registered over any period of one hour during the month for which the bill is rendered. A separate charge or credit will be made on the bill to reflect incremental changes from the ~~R~~reactive ~~D~~demand used in the Standard Bill calculation.

**DETERMINATION OF THE CBL:**

1. Development of the Customer's CBL.

For a Customer who elects to take service under this RTP rider, the Company and the Customer will develop a CBL using hourly load data from a representative 12-month period. The representative hourly load data to be used will be historical data that originates within two years (24 months) of the date that the Customer begins receiving service under the RTP rider.

In situations where hourly data are not available for a particular Customer, a CBL will be made by using available aggregate metered usage data and load shapes from Customers with similar usage patterns along with engineering and operating data provided by the Customer and which is verified by the Company.



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2. Calendar Mapping of the Base-Year CBL to the RTP service year.

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### LARGE GENERAL SERVICE RIDER

DESCRIPTION	Option 1	Option 2
Fixed Rate Energy Pricing	<del>50-N</del> 648	<del>50-N</del> 649
System Marginal Energy Pricing	<del>50-N</del> 642	<del>50-N</del> 645
Short-term Marginal Capacity Purchases	<del>50-N</del> 643	<del>50-N</del> 646
Short-term Marginal Capacity Releases	<del>50-N</del> 644	<del>50-N</del> 647

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available at the request of Customers who take service under the rate schedules listed in the Application Section of this tariff and have either (**Option 1**) a metered Demand of at least 1 MW, or (**Option 2**) a Total Coincident Demand of at least 10 MW for multiple, non-contiguous facilities that function in series.

**INTERIM RATE ADJUSTMENT:** A 6.79 percent increase will be added to the Administrative Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**ELECTRIC SERVICE AGREEMENT:** For service under this Rider, the Company may, at its discretion, require a written electric service agreement (ESA”) between the Company and the Customer that sets forth, among other things, the Customer’s Billing Demand, Firm Demand, On-Peak Baseline Demand and Off-Peak Baseline Demand.

**FIXED RATE ENERGY PRICING:**

**Background:** Certain Company industrial and commercial Customers have ESAs that designate, among other things, a Billing Demand, On-Peak and Off-Peak Baseline Demands and a Firm Demand. With On-Peak and Off-Peak Baseline Demands, the Company agrees to provide and the Customer agrees to purchase all of its Energy requirements at rates set forth in the Customer’s applicable rate schedule and/or a negotiated rate subject to Commission approval. Setting a Firm and Baseline Demands benefits both the Company and the Customer. With Firm Demands, the Company is able to curtail participating Customers’ load to predetermined levels which allows the Company to more accurately forecast its native load Capacity and Energy requirements.



**CONTROLLED SERVICE - INTERRUPTIBLE LOAD**  
**CT METERING RIDER**  
 (Commonly identified as Large Dual Fuel)

DESCRIPTION	Option 1	Option 2
CT Metering without ancillary load	<del>50-170</del>	N/A
<del>without Penalty</del>	<del>N170</del>	N/A
<del>with Penalty</del>	<del>N170P</del>	N/A
CT Metering without ancillary load (with short duration cycling)	<del>50-165</del>	N/A
<del>without Penalty</del>	<del>M165</del>	N/A
<del>with Penalty</del>	<del>50-</del>	N/A
	<del>88+M165P</del>	
CT Metering with ancillary load	N/A	N168C
<del>Uncontrolled period</del>	N/A	50-168
<del>Controlled period</del>	N/A	50-268
CT Metering with ancillary load (with short duration cycling)	N/A	N169C
<del>Uncontrolled period</del>	N/A	50-169
<del>Controlled period</del>	N/A	50-269

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available for Residential or nonresidential service to any approved permanently connected interruptible load; such loads are primarily the electric heating portion of dual fuel heating systems. Electric heating systems may include heat pumps used for heating and/or cooling. Domestic electric water heating, and/or other permanently connected approved loads other than the exceptions noted below in Option 2, will be interrupted during control periods. When service to the electric space heating equipment on this rate is interrupted, the back-up heating system cannot be electric.

Option 1: Electric fans, pumps and other ancillary equipment used in the distribution of conditioned air and/or water shall be wired for service through the Customer's firm service tariff.

Option 2: The Company retains the authority to allow a portion of the load used to deliver conditioned air and/or water during the control period to remain on during control periods in situations where 1) it is functionally or financially unfeasible to separately serve the equipment's control systems, or other critical ancillary equipment



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associated with this load, or 2) if the separation would violate the manufacturer’s Underwriters Laboratory (UL) approval or other industry recognized operating standards.



During the control period the amount of ancillary load shall not exceed 5% of the metered maximum ~~D~~demand measured during any period within the most recent 12 months. (For example, although a minimal amount of fan and/or pump load may be allowed under this provision, it is not intended to be applied to larger loads such as the non-conditioned fan load on low-temperature grain drying.)

If the Customer does not have a back-up heating system, it is not automatic, or it is inadequate, then the Company requires a primary electric heating Customer served on an interruptible rate to complete a Controlled Service Agreement acknowledging that the Customer is aware of the potential for property damage.

**RATE:**

<b>OPTION 1</b>		
<b>Customer Charge per Month:</b>	\$4.00	
<b>Monthly Minimum Bill:</b>	Customer + Facilities Charge	
<b>Facilities Charge per <del>annual</del> Month per annual Mmaximum kW-per month:</b>	\$0.08/kW	
<b>Energy Charge per kWh:</b>	Summer	Winter
<b>Penalty:</b>	2.796 ¢/kWh 39.448 ¢/kWh	2.674 ¢/kWh 12.726 ¢/kWh

<b>OPTION 2</b>		
<b>Customer Charge per Month:</b>	\$5.00	
<b>Monthly Minimum Bill:</b>	Customer + Facilities Charge	
<b>Facilities Charge per <del>annual</del> Month per annual Mmaximum kW-per month:</b>	\$0.08/kW	
	Summer	Winter



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<b>Energy Charge per kWh:</b>	2.966 ¢/kWh	2.838 ¢/kWh
<b>Control Period Demand Charge per kW:</b>	\$7.29 /kW	\$5.61 /kW



**CONTROLLED SERVICE - INTERRUPTIBLE LOAD**  
**SELF-CONTAINED METERING RIDER**  
 (Commonly identified as Small Dual Fuel)

DESCRIPTION	RATE CODE
Self-Contained Metering	<del>50-N</del> 190
<u>Self-Contained Metering with Penalty</u>	<u>N190P</u>
Self-Contained (with short duration cycling)	<del>50-N</del> 185
<u>Self-Contained Metering (with short-duration cycling) with Penalty</u>	<u>N185P</u> <del>50-882</del>

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available for Residential or nonresidential service to any approved permanently connected interruptible load; such loads are primarily the electric heating portion of dual fuel heating systems. Electric heating systems may include heat pumps used for both heating and/or cooling. Domestic electric water heating and/or other permanently connected approved loads, other than the exceptions noted below, will be interrupted during control periods. Electric fans, pumps, and other ancillary equipment used in the distribution of heat shall be wired for service through the Customer's firm service tariff.

The Company retains the authority to allow a portion of the load to remain on during control periods in situations where 1) it is unfeasible to separately serve the equipment's control systems or other critical ancillary equipment associated with this load, or 2) if the separation would violate the manufacturer's Underwriters Laboratory (UL) approval or other industry recognized operating standards. Although a minimal amount of fan and pump load may be allowed under this provision, it is not intended to be applied to larger fan or pump loads such as those on low-temperature grain drying or heating loops.

When service to the electric space heating equipment on this rate is interrupted, the back-up heating system cannot be electric.

If the Customer does not have a back-up heating system, it is not automatic, or it is inadequate, then the Company requires a primary electric heating Customer served on an interruptible rate to complete a Controlled Service Agreement acknowledging that the Customer is aware of the potential for property damage.

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**CONTROLLED SERVICE**  
**DEFERRED LOAD RIDER**  
 (Commonly identified as Thermal Storage)

DESCRIPTION	RATE CODE
Deferred Loads	<del>50-N</del> 197
<u>Deferred Loads with Penalty</u>	<u>N197P</u>
Deferred Loads (Short Duration Cycling)	<del>50-N</del> 195
<u>Deferred Loads (Short Duration Cycling) with Penalty</u>	<u>N195P</u> <del>50-883</del>

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available for both Residential and nonresidential service to any approved permanently connected deferred loads that can be served under the limited conditions provided; such loads are primarily electric water heating and thermal storage.

Deferred loads may include heat pumps, domestic electric water heating, and other permanently connected loads that can be interrupted. Subject to the exception below, electric fans, pumps, and other ancillary equipment used in the distribution of heat shall be wired through the Customer's firm service Mmeter.

The Company retains the authority to allow a portion of the load to remain on during control periods in situations where 1) it is unfeasible to separately serve the equipment's control systems, or other critical ancillary equipment associated with this load, or 2) if the separation would violate the manufacturer's Underwriters Laboratory (UL) approval or other industry recognized operating standards. Although a minimal amount of fan and pump load may be allowed under this provision, it is not intended to be applied to larger loads such as the fan load on low temperature grain drying.

**AIR CONDITIONING CONTROL RIDER**  
(Commonly identified as **CoolSavings**)

DESCRIPTION	RATE CODE
Air Conditioning Control Rider	<del>50-N</del> 760

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available to Residential Customers only with central cooling equipment.

**COMPENSATION:**

The Customer will be compensated for taking service on this rider by receiving a \$7.00 per month bill credit during the billing months June through September. The credit will be applied on the Customer's account.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the applicability matrices of riders.

**TERMS AND CONDITIONS:**

1. Summer Season hours of interruptions per year shall not exceed 300, except during periods of Company system emergencies. Central cooling equipment will be cycled approximately 15 minutes on/15 minutes off.
2. The Company will install, own, and maintain the load management devices controlling the Customer's central cooling equipment.
3. The Customer is required to remain on the rider for 12 consecutive months unless given special approval by the Company. If the Customer leaves the program, they may not participate for another 12 months and may not receive any form of compensation as determined by the Company.
4. The Company has the right to test the function of the load management devices at any time.
5. The Customer must agree to allow the Company to control all central cooling equipment

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Manager, Regulatory Services  
President, Regulatory Affairs

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at the location of service.

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**VOLUNTARY RENEWABLE ENERGY RIDER**  
(Commonly identified as **TailWinds** Program)

DESCRIPTION	RATE CODE
Voluntary Renewable Energy Rider	<del>50-N</del> 720

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available to all Customers on a voluntary basis for those averaging 100 kWh or more of usage per month. The renewable Energy service provided under this schedule is subject to the availability of renewable Energy designated to it, as determined by the Company, and is made available on a first-come, first-serve basis.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**RATE:** The charge for the renewable Energy under this schedule is \$1.30 per 100 kWh contracted block. This charge per 100 kWh is in addition to the applicable rate schedule currently serving the Customer. All charges under existing tariffs remain in effect.

This rider is not subject to the Energy Adjustment Rider, Section 13.01.

**TERMS AND CONDITIONS:**

1. Service under this schedule shall be for a period not less than 12 consecutive months, automatically renewed monthly. After the first full year of service, the Customer may cancel service under this schedule by providing oral or written notice to the Company of their intent to no longer take service no less than 30 days prior to the Customer's normal monthly billing date.
2. The schedule is unavailable to Customers where the Customer: (1) has received one or more disconnect notices within the last 12 months or (2) has been disconnected within the last 12 months.
3. Where the renewable Energy under this schedule is unavailable to the Company for more than 30 consecutive days, the Company will provide an appropriate credit on the

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Customer's next monthly statement.

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**WAPA BILL CREDITING PROGRAM RIDER**

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DESCRIPTION	RATE CODE
WAPA Bill Crediting Program Rider	<del>50-N</del> 810

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available on a voluntary basis and is limited to Customers who are eligible for the Western Area Power Administration ("Western") Bill Crediting Program ("Program").

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**TERM OF SERVICE:** Service under this rider shall be for a period not less than 90 days.

**PRICING METHODOLOGY:** The credit is calculated monthly and depends on the individual Tribe's allocation from Western for that month and the composite rate for Western as published on Western's current Schedule of Rates for Firm Power Service. A participating Customer's bill is calculated using the following formula: (per Western contract)

**(MBEU /MTBEU) x BMC = BPMSC, where**

- BPMSC = Beneficiary's Proportionate Monthly Share of Credit
- MBEU = Monthly Beneficiary's (participating Customer) Energy Usage
- MTBEU = Monthly Total Beneficiaries' (participating Native American Tribe) Energy Usage
- BMC = Beneficiaries' (participating Native American Tribe) Monthly Credit  
BMC = MAE x PSD x (\$0.0436 – WAPA's composite rate), *where*
- MAE = Monthly Amount of WAPA's energy Allocation to the Native American Tribe
- PSD = Power Supplier Distribution Percent of WAPA's energy delivered by the Company

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**BULK INTERRUPTIBLE SERVICE  
APPLICATION AND PRICING GUIDELINES**

DESCRIPTION	RATE CODE
Bulk Interruptible Service	<del>50-N</del> 680

**RULES AND REGULATIONS:** Terms and conditions of this schedule and the General Rules and Regulations govern use of this contract.

**APPLICATION OF SCHEDULE:** This schedule is applicable to Customers with interruptible loads of 750 Kilowatts (kW) or larger by signed contract only.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**CONTRACT PERIOD AND FUTURE RESPONSIBILITIES:** Contracts will be for a maximum period of five years, renewable only at the Company's option. The Customer will be responsible for all Eenergy supply after the contract period. The Company will not guarantee any Eenergy supply to replace the bulk interruptible service after the contract expires.

**ENERGY RATE DETERMINATION:** An Eenergy rate will be negotiated separately with each Customer in order to maximize the margin. The minimum Eenergy rate that will be accepted is the Eenergy cost of service plus a margin of \$0.002 per Kilowatt-~~H~~hour (kWh).

**FIXED CHARGE DETERMINATION:** A monthly fixed charge will be established to recover the Company's investment related costs. This charge will be determined based on a monthly rate of 1.5% (18% annually) applied to the total installed cost of all Company-supplied equipment.

**ENERGY ESCALATION:** A maximum Eenergy escalation rate of 4% per six-month period may be established. The actual escalation rate will be determined by competitive price conditions, contract language and negotiations with the Customer.

**MINIMUMS:** The fixed charge will constitute the minimum payment. In addition, the Customer must agree to utilize electricity as long as the total cost of the electricity offered under this rate is competitive with the Customer's existing alternate fuel.

**OTHER PROVISIONS:** Customers will be responsible for backup service when supply of bulk Eenergy is interrupted. The Company will control the interruptions. The Company will not be

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liable for any loss or damage to the Customer due to interruptions.

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## Electric Service – North Dakota - Index

*Section*    *Prior Sheet*    *Item* \_\_\_\_\_

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C

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Fergus Falls, Minnesota

**Section 1.04 CONNECTION CHARGE**

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Customers applying for service will pay a connection charge. The connection charge shall apply to any new Account, and for reconnection following temporary disconnection at the Customer’s request. The connection charge applies to the account and not each Meter; it will not apply where a second Meter is added at the same location for a different type of service for an existing Customer.

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**CHARGES:** A \$15.00 charge will be applied for each Customer connection, or reconnection following temporary disconnection at the Customer’s request. In addition to the standard charges, accounts connected or reconnected outside of normal business hours will be charged overtime charges for the amount of time required, or a minimum of two hours, whichever is greater. If connection or reconnection is a continuation from 5 p.m., overtime charges will be calculated based on the amount of time it takes the employee to connect or reconnect. If several accounts are either connected or reconnected, or both during the same call back period, any overtime charges shall be divided among the several accounts. However, the Company may limit the times outside its normal hours of operation during which it will perform a reconnection of service.

Residential Rental Property Owner (RRPO) Program Exception: No connection charge will apply to Customers in the Company’s RRPO program, as described in this subsection. Auto Turn-On with no connection charge is available only to a Residential rental property owner that gives the Company (a) written or verbal notice of its election to participate in the Company’s year-round Auto Turn-On program and (b) up-to-date owner information on each of the Residential rental units to participate in the program. A Residential rental property owner may enroll in this program at any time, for any one or more Residential rental units. If a Residential rental property owner enrolled in the Auto Turn-On program gives the Company notice to withdraw from the program (for any one or more Residential rental units, or entirely), the program will not be available to the withdrawn Residential rent unit or to the Residential rental property owner (as applicable) for 12 months from the date of nonparticipation.

N

The connection charge will not apply when a Residential rental property owner participating in the RRPO program requests connection of service to a Residential rental unit participating in the program, when prior service to the Residential rental unit had been discontinued by a tenant, and before a new tenant establishes service at that Residential rental property unit. This option will only be available during a turn-off/turn-on service order. If the account (in tenant’s or the Residential rental property owner’s name) has been disconnected for nonpayment or disconnected at the Residential rental



Fergus Falls, Minnesota

Controlled Service Agreement

Customer Name
Service Address
Account Number
Location Number



The undersigned Customer agrees to purchase Controlled Service from Otter Tail Power Company. Controlled Service is subject to terms and conditions as provided in the applicable Otter Tail Power Company's tariff.

Otter Tail Power Company's "Controlled Service" Rate is designed to provide lower cost electricity to customers who have electrical loads that can be shut off during "peak" demand periods.

When the electric loads are space heating systems, there is a danger that damage to the building may result if an alternate fuel heating system is not available or operational to come on when the electric heat is shut off during the control period. This danger is obviously most prevalent if the alternate fuel is a type that must be hand fired, such as a wood burner or in some rare cases where no alternate system is available.

While Otter Tail Power Company does not specify what type of alternate fuel must be used, Customers who choose to have a hand fired system or no backup need to be aware of the possible consequences when it does become necessary for the electric heat to be switched off when nobody is around to hand fire the alternate system or to monitor the temperature in the premise.

In order for Otter Tail Power Company to offer the reduced rate, it must be able to turn off all electric heat. Controlled Service requires that no electric heating be used in the building when Otter Tail Power Company is controlling these electrical loads.

If the electric heat is shut off and no other heat source comes on to provide heat, the water in the plumbing could freeze and burst the pipes. Other damage could result from freezing temperatures in the structure.

In order to acknowledge that the Customer has been advised of, understands and agrees to the risks associated with receiving Controlled Service, the Customer has signed and delivered to Otter Tail Power Company the following statement:

To: Otter Tail Power Company - \_\_\_\_\_ Customer Service Center

1. I have read this Controlled Service Agreement and the related tariff provisions and understand the potential for damage my property and I am exposed to by using a hand fired heating fuel,

I plan to use a (type of fuel) \_\_\_\_\_, as my backup heating system. I understand, agree to, and accept the risks or damage to my property in the event that there is no backup heating system. It is my choice, however, to take Controlled Service and I will NOT hold Otter Tail Power Company liable or responsible for any damages that might occur due to a "shut off" of my primary electric heating system.

2. I also agree that, in order to qualify for the Controlled Service rate, I will not use electricity as a secondary "backup" fuel when the regular electric heating system is controlled.

Customer's signature \_\_\_\_\_ Date \_\_\_\_\_

C



Fergus Falls, Minnesota

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### Section 4.07 MONTHLY BILLING PERIOD AND PRORATED BILLS

A period of 365 days divided by 12 months [30.41667 days] is considered a normal monthly billing period. The Meter reading date may be advanced or postponed not more than five days without adjustment of the billing for the period. Bills will be prorated on a daily basis for a period of lesser than or greater than a normal billing period, which will be determined by the interval between two consecutive meter reading dates for metered services or between billing dates for non-metered services. The proration shall apply to the Customer Charge, Energy Charge, Demand Charge and Facilities Charge components of the rate.

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NC  
NCD  
N  
N

Services will be prorated to the month in which they were consumed based on a computed daily average.

N  
N



Fergus Falls, Minnesota

**Section 4.10 PAYMENT POLICY**

Bills are due by the date printed on the bill, which will be the next scheduled bill date. A late payment charge will not be imposed if payment is made prior to the next regular scheduled billing date. The next billing date is not less than 25 days from the current billing date, with the exception of a prorated bill. The billing date is no more than three working days before the date of mailing. Customers with at least 12 on-time, consecutive payments of regular bills prior to a delinquency date may not be billed a late payment charge, and a notice of late payment charges may not appear on the billing statements of such Customers.

NC  
C

If a Customer has been delinquent more than once during the last 12 consecutive months, a late payment charge will apply on any delinquent account with an unpaid balance that is more than \$5.00.

The late payment charge per monthly billing period is 1) 1.5% per month (18% per year), or 2) \$1.00, whichever is greater. For Customers who have been delinquent once or more during the last 12 consecutive months, a notice of possible late payment charge will be stated on the Customer's next bill. This late payment charge will be assessed during the Customer's next billing period and appear on the Customer's bill. All payments received are credited against the Customer's oldest outstanding account balance before the application of any late payment charge.

C  
C

The delinquent amount for accounts on the Even Monthly Payment (EMP) plan as described in Section 4.11 of these General Rules and Regulations, or payment schedules, will be the outstanding account balance or the outstanding scheduled payments, whichever is greater.

D

A \$15.00 charge will be assessed due to payments not honored by the Customer's financial institution.

A Customer payment that has been dishonored twice by the issuing financial institution will be considered nonpayment of the Customer's utility bill.



Fergus Falls, Minnesota

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## Section 4.11 EVEN MONTHLY PAYMENT (EMP) PLAN

Residential and Commercial service Customers, at their request, may be billed under the Company’s Even Monthly Payment (EMP) plan. EMP provides for 11 equal monthly payments based on the Customer’s previous use at the premises when available, or an estimate of use for those premises based on previous usage at the premise.

The Company will review the Account usage and EMP balances after seven bills and 12 bills to ascertain the reasonableness of the budget amount under current rates or conditions of use of service, and the monthly payment will be adjusted accordingly.

L

Billing for the seventh and twelfth month of EMP program participation will reflect the actual billing for that month adjusted for the EMP credit or debit balance carried forward from the previous month. The maximum amount billed on the twelfth month is the larger of 125% of the old EMP amount or the old EMP amount plus \$5.00. If the amount due exceeds these limits, the old EMP amount will be billed and the excess will be spread over the next 12 months. The Company shall pay interest monthly on any accrued EMP credit balance using a two-week average of the six-month Certificate of Deposit rate offered the second and third weeks of June (effective July 1) and December (effective January 1) by the Bank of North Dakota.

N

Customers may end participation in the EMP plan at any time by providing the Company with reasonable prior notice. If the Customer incurs late charges as permitted in Section 4.10 of these General Rules and Regulations, or if the Customer’s account is more than 60 days past due, the Company may remove the Customer’s account from the EMP plan and the full balance of the account will become due.



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## Section 4.12 SUMMARY BILLING SERVICES

Under the Company’s Summary Billing Services, the Customer’s multiple monthly bills will be consolidated into a single billing statement each month. Customers need make only one payment covering the total amount due for all the accounts included in a summary bill. Summary Billing Services is an optional service in which the Customer may choose to participate. Upon Customer’s request, the Customer and the Company will enter into a contract for Summary Billing Services with a 45-day cancellation provision that applies to both parties.

Summary billing Accounts have been designated to process on the first business day on or after the 15<sup>th</sup> of each month.

**D**  
**N**  
**N**

The Company may, at its sole discretion, limit the number of accounts included in any one summary bill, and exclude accounts based on rate class or type, amount of bill, account arrearages, billing cycle, or participation in other programs. Participation in Company programs, such as Even Monthly Payment, Ready Check, and ePay, may restrict accounts from inclusion in summary billing.

Individual accounts will be read on their normal reading cycle and placed on hold until all accounts are read. Once completed, the Customer will be billed based on the total accumulation of the sub accounts, including all Customer Charges, Energy Charges, Demand Charges, Facilities Charges, Fixed Charges, and Monthly Minimum Charges.

**D**  
**D**

Payment policies remain in effect for each Customer participating in Summary Billing Services. Any determination of delinquencies will be based on the master billing date. If a summary bill falls into arrears, the Company may, at its option, discontinue the Customer’s summary bill, reverting the individual accounts to separate monthly billing.

**C**



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**Section 5.03 TEMPORARY SERVICES**

**C**

Pursuant to North Dakota Administrative Code Standards of Service 69-09-02-08, the Company may require the Customer to make an advance deposit sufficient to cover the estimated costs of furnishing temporary service. Customers taking temporary service shall pay the regular rates applicable to the class or classes of service rendered. In addition, the Company may require the Customer to pay the installation and removal cost, less salvage value, of facilities installed by the Company to furnish temporary service to the Customer.

**D**  
**D**  
**D**



Fergus Falls, Minnesota

## GLOSSARY AND SYMBOLS

### Section 8.01 GLOSSARY

#### Glossary of terms used in tariffs and riders

**Billing Demand** – A charge applied to an Energy Customer for Capacity reserved or made available explicitly for that Customer. Customer’s Demand as used by Company for billing purposes. Billing Demand is calculated and specified in applicable tariffs.

**Capacity** – The maximum amount of power, normally expressed in Kilowatts (kW) or megawatts (MW), that a given system or subsystem can carry or produce at a particular moment.

**Commercial** - A business consumer of Energy.

**Commission** – The regulating entity in the state government that oversees the operations of investor-owned utilities. (See North Dakota Public Service Commission).

**Company** - Otter Tail Power Company, a Minnesota corporation, a regulated power company providing electricity to Customers in Minnesota, North Dakota and South Dakota.

**Control Criteria** - The terms and guidelines governing the supply of electricity to non-firm electric loads.

**CT Metering** – A watt-hour meter that is used with current transformers. The current transformer reduces the primary current to a secondary current applied to the meter in a known proportion. Used when the current exceeds 400 amperes.

**Customer** - Any party that is involved in the purchase or sale of electrical Energy from or to Company.

**Customer Charge** – Part of the monthly basic Distribution charge to partially cover costs for billing, Meter reading, equipment, service line maintenance and equipment. This charge is the same no matter how much electricity is used.

**Demand** – The rate at which electric Energy is delivered to or by a system, part of a system, or piece of equipment and is expressed in Kilowatts (kW) or megawatts (MW).

**Demand Interval** – The specified interval of time on which a demand measurement is based.

**Distribution** - The local wires, transformers, substations and other equipment used to deliver electricity from the high-voltage transmission lines to low voltage Distribution lines and to end-use consumers.

**D**  
**D**

**RESIDENTIAL SERVICE**

DESCRIPTION	RATE CODE
Residential Service	N101

C

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to Residential Service as defined in the General Rules and Regulations.

C

**RATE:**

RESIDENTIAL SERVICE				
<b>Customer Charge per Month:</b>	\$8.00			
<b>Monthly Minimum Bill:</b>	Customer Charge			
<b>Energy Charge per kWh:</b>	Summer		Winter	
<b>First 1,000:</b>	8.074	¢/kWh	7.493	¢/kWh
<b>Excess:</b>	8.074	¢/kWh	6.803	¢/kWh

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**DEFINITIONS OF SEASONS:**

Summer: June 1 through September 30.

Winter: October 1 through May 31.

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**SEASONAL RESIDENTIAL SERVICE:**

1. These rates and regulations shall apply to seasonal and lake cottage service and to rural residential service only. Resorts, stores, farms and other nonresidential establishments will be billed at the rates provided for such classes of service.
2. Seasonal customers will be billed at the same rate as year-around Customers, except as follows:

Each seasonal Customer will be billed a one-time seasonal fixed charge of \$32.00 in addition to the rate provided above. The fixed charge will be included on the first bill rendered for each season.

Each seasonal Customer will be billed for the number of months each season that the residence or cottage is in use but not less than a minimum of four months, plus the seasonal fixed charge. The Company normally will read Meters and render a bill during the months of June, July, August and September. At the Company's option, meters may be read at other times during the year and a bill will be rendered if Energy recorded on the Meter exceeds 100 kWh.

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C

Bills may be rendered on a two-month basis at the Company's discretion when the energy used exceeds 100 kWh and more than 55 days have elapsed since the previous meter reading.

D

**RESIDENTIAL DEMAND CONTROL SERVICE**  
(Commonly identified as RDC)

DESCRIPTION	RATE CODE
Residential Demand Control	N241

C

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to Residential Customers with approved Demand control systems.

C

**RATE:**

RESIDENTIAL DEMAND CONTROL SERVICE		
Customer Charge per Month:	\$18.38	
Monthly Minimum Bill:	Customer + Demand Charge	
Energy Charge per kWh:	Summer	Winter
	4.257 ¢/kWh	4.301 ¢/kWh
Demand Charge per kW:	Summer	Winter
	\$6.52 /kW	\$2.63 /kW

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**DEFINITIONS OF SEASONS:**



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Summer: June 1 through September 30.  
Winter: October 1 through May 31.

**DETERMINATION OF BILLING DEMAND:** The Demand will be determined based on the peak one-hour Demand reading recorded during the winter controlled period for the most recent 12 months. C  
D  
D

**DEMAND SIGNAL:** Service may receive a Demand signal for up to a total of 14 hours during any 24-hour period, as measured from midnight to midnight. Water heaters served on this tariff will also be included in the Company's Summer water heater load control program. C  
C

**FARM SERVICE**

DESCRIPTION	RATE CODE
Farm Service	N361

C

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to general Farm and home use. The Customer may elect to have the following service offerings in the farm home (for residential uses); Residential Service (Section 9.01) or Residential Demand Control Service Schedule (Section 9.02) if all the requirements specified for that schedule are satisfied.

**RATE:**

FARM SERVICE		
Customer Charge per Month:	\$12.00	
Monthly Minimum Bill:	Customer + Facilities Charge	
Facilities Charge per Month:		
Single Phase	\$0.00	
Three Phase: Overhead <=25kVA	\$3.37	
Three Phase: Overhead > 25kVA	\$3.93	
Three Phase: Underground <=25kVA	\$9.39	
Three Phase: Underground > 25kVA	\$10.78	
Energy Charge per kWh:	Summer	Winter
First 1600	7.272 ¢/kWh	6.601 ¢/kWh
Excess	6.125 ¢/kWh	5.555 ¢/kWh

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**SMALL GENERAL SERVICE**  
Under 20 kW

DESCRIPTION	RATE CODE
Metered Service under 20 kW – Secondary Service	N404
Metered Service under 20 kW – Primary Service	N405
Non-metered Service – Secondary Service – CLOSED TO NEW INSTALLATIONS	N408

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C  
N  
N

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

N

**APPLICATION OF SCHEDULE:** This schedule is applicable to three-phase Residential Customers, and both single and three-phase nonresidential Customers. This schedule is not applicable for Energy for resale, nor for municipal outdoor lighting. Emergency and supplementary/standby service will be supplied only as allowed by law.

C

**RATE:**

SECONDARY SERVICE			PRIMARY SERVICE	
<b>Customer Charge per Month:</b>	\$13.00		\$13.00	
<b>Monthly Minimum Bill:</b>	Customer Charge		Customer Charge	
<b>Energy Charge per kWh:</b>	Summer	Winter	Summer	Winter
	8.139 ¢/kWh	7.392 ¢/kWh	8.101 ¢/kWh	7.355 ¢/kWh

NON-METERED SERVICE - SECONDARY SERVICE ONLY ***CLOSED TO NEW INSTALLATIONS***		
<b>Energy Charge per kWh:</b>	Summer	Winter
<b>All kWh</b>	5.369 ¢/kWh	5.369 ¢/kWh

N  
N  
N  
N

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**DEFINITIONS OF SEASONS:**

Summer: June 1 through September 30.  
Winter: October 1 through May 31.

**TERMS AND CONDITIONS:** The Customer may remain on the Small General Service schedule as long as the Customer's maximum demand does not meet or exceed 20 kW for more than two of the most recent 12 months. When the Customer achieves an actual Demand of 20 kW or greater for a third time in the most recent 12 months, the Customer will be placed on the General Service schedule (Section 10.02) in the next billing month.

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C  
NC  
N

**DETERMINATION OF METERED DEMAND:** An estimated or metered demand shall be used to establish the applicability of this schedule, at the option of the Company. This demand shall be the maximum kW for the highest 15-minute period during the month for which a bill is rendered.

N

**NON-METERED SERVICE:**

N

For applications where no metering is installed customer owns and operates multiple electronic devices Each individual electronic device must not in any way interfere with Company operations and service to adjacent Customers.

N  
N  
N

In place of metered usage for each existing device, Customer will be billed for the predetermined Energy usage in kWh per existing device. The Energy Charge shall equal the sum of the predetermined Energy usage for Customer's approved existing devices in service for the billing month multiplied by the Energy Charge applicable for the billing month.

N  
N  
N  
N

**GENERAL SERVICE**  
20 kW or Greater

DESCRIPTION	RATE CODE
General Service – Secondary Service	N401
General Service – Primary Service	N403

C  
C

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to three-phase Residential Customers, and both single and three-phase nonresidential Customers, with a measured Demand of at least 20 kW within the most recent 12 months. This schedule is not applicable for Energy for resale, nor for municipal outdoor lighting. Emergency and supplementary/standby service will be supplied only as allowed by law.

C  
C

**RATE:**

SECONDARY SERVICE		PRIMARY SERVICE								
Customer Charge per Month:	\$12.00	\$12.00								
Monthly Minimum Bill:	Customer + Facilities Charge	Customer + Facilities Charge								
Facilities Charge per Month per annual Max kW: (minimum 20 kW)	\$0.52/kW	\$0.38/kW								
Energy Charge per kWh:	<table border="1"> <tr> <td>Summer</td> <td>Winter</td> </tr> <tr> <td>7.843 ¢/kWh</td> <td>7.122 ¢/kWh</td> </tr> </table>	Summer	Winter	7.843 ¢/kWh	7.122 ¢/kWh	<table border="1"> <tr> <td>Summer</td> <td>Winter</td> </tr> <tr> <td>7.806 ¢/kWh</td> <td>7.086 ¢/kWh</td> </tr> </table>	Summer	Winter	7.806 ¢/kWh	7.086 ¢/kWh
Summer	Winter									
7.843 ¢/kWh	7.122 ¢/kWh									
Summer	Winter									
7.806 ¢/kWh	7.086 ¢/kWh									

N  
N

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless

**LARGE GENERAL SERVICE**

DESCRIPTION	RATE CODE	
Secondary Service	N603	C
Primary Service	N602	C
Transmission Service	N632	C

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to nonresidential Customers. This schedule is not applicable for Energy for resale, nor for municipal outdoor lighting. Emergency and supplementary/standby service will be supplied only as allowed by law. C

**RATE:**

SECONDARY SERVICE				
<b>Customer Charge per Month:</b>	\$40.00			
<b>Monthly Minimum Bill:</b>	Customer Charge + Facilities Charge + Demand Charge (min. 80 kW)			
<b>Facilities Charge per Month</b>				
<b>per annual Maximum kW: (minimum 80 kW)</b>				C
< 1000 kW:			\$0.30/kW	
>= 1000 kW:			\$0.15/kW	
<b>Energy Charge per kWh:</b>	Summer	Winter		
<b>First 700,000</b>	4.745 ¢/kWh	4.795 ¢/kWh		
<b>Excess</b>	4.345 ¢/kWh	4.391 ¢/kWh		
<b>Demand Charge per kW:</b>	\$7.29 /kW	\$5.61 /kW		N
<b>(minimum 80 kW)</b>				

**COMMERCIAL SERVICE - TIME OF USE**

DESCRIPTION	RATE CODE
Commercial Service – Time of Use	N708

C  
D  
D

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use under this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to nonresidential Customers with one meter providing electrical service, with a measured Demand of at least 20 kW within the most recent 12 months.

C

**RATE:**

COMMERCIAL SERVICE - TIME OF USE			
<b>Customer Charge per Month:</b>			\$16.00
<b>Monthly Minimum Bill:</b>			Customer + Facilities Charge
<b>Facilities Charge per Month per annual Max. kW: (minimum 20kW)</b>			\$0.52 /kW
<b>Energy Charge per kWh:</b>		Summer	Winter
<b>Declared-Peak</b>	20.293 ¢/kWh		13.309 ¢/kWh
<b>Intermediate</b>	6.634 ¢/kWh		6.728 ¢/kWh
<b>Off-Peak</b>	3.779 ¢/kWh		3.925 ¢/kWh
<b>Demand Charge per kW: (minimum 20 kW)</b>		Summer	Winter
<b>Declared-Peak</b>	\$0.00 /kW		\$0.00 /kW
<b>Intermediate</b>	\$2.51 /kW		\$2.90 /kW
<b>Off-Peak</b>	\$0.00 /kW		\$0.00 /kW

C  
C

N

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**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**TERMS AND CONDITIONS:** A Customer with a Billing Demand of less than 20 kW for 12 consecutive months will have the option to take service under the Small General Service schedule (Section 10.01). **C**

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the applicability matrices of riders.

**DEFINITION OF DECLARED, INTERMEDIATE AND OFF-PEAK PERIODS BY SEASON:**

WINTER SEASON - OCTOBER 1 THROUGH MAY 31 **C**

Declared-Peak: Hours declared (see Declared-Peak Notification)

Intermediate: All hours other than Declared-Peak and Off-Peak **C**

Off-Peak: For all kW and kWh used Weekdays or Saturdays from 10:00 p.m. to 6:00 a.m., all day Sunday

SUMMER SEASON - JUNE 1 THROUGH SEPTEMBER 30 **C**

Declared-Peak: Hours declared (see Declared-Peak Notification)

Intermediate: All hours other than Declared-Peak and Off-Peak **C**

Off-Peak: For all kW and kWh used Weekdays or Saturdays from 10:00 p.m. to 6:00 a.m., all day Sunday

**DECLARED-PEAK NOTIFICATION:** The Company shall make available to Customers, no later than 4:00 p.m. (Central Time) of the preceding day, "Declared-Peak" designations for the next business day. Except for unusual periods, the Company will make "Declared-Peak" designations for Saturday through Monday available to Customers on the previous Friday. More than one-day-ahead "Declared-Peak" designations may also be used for the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas. **C**

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Because circumstances prevent the Company from projecting "Declared-Peak" designations more than one day in advance, the Company reserves the right to revise and make available to Customers "Declared-Peak" designations for Sunday, Monday, any of the holidays mentioned above, or for the day following a holiday. Any revised "Declared-Peak" designations shall be made available by the usual means no later than 4:00 p.m. of the day prior to the prices taking effect. C  
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C

The Company is not responsible for the Customer's failure to receive or obtain and act upon the "Declared-Peak" designations. If the Customer does not receive or obtain the "Declared-Peak" designations made available by the Company, it is the Customer's responsibility to notify the Company by 4:30 p.m. (Central Time) of the business day preceding the day that the "Declared-Peak" designations are to take effect. The Company will be responsible for notifying the Customer if prices are revised. C  
C  
C

**DETERMINATION OF BILLING DEMAND:** The Billing Demand shall be the maximum Demand in kW registered over any period of one hour for the month the bill is rendered. NC  
C

**DETERMINATION OF FACILITIES CHARGE:** The monthly measured Demand will be based on the maximum Demand in kW registered over any one-hour period by a suitable Demand Meter for the month for which the bill is rendered. The Facilities Charge Demand will be the greater of 20 kW or the largest of the most recent 12 monthly measured Demands. C  
C  
C  
C



Fergus Falls, Minnesota

**LARGE GENERAL SERVICE - TIME OF DAY - EXPERIMENTAL**

DESCRIPTION	RATE CODE
Secondary Service	N611
Primary Service	N610
Transmission Service	N639

CD  
CD  
CD  
CD

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to nonresidential Customers with measured Demand of at least 80 kW within the most recent 12 months.

C

**RATE:**

SECONDARY SERVICE			
<b>Customer Charge per Month:</b>	\$60.00		
<b>Monthly minimum Bill:</b>	\$325.00 + Customer + Facilities Charge		
<b>Facilities Charge per Month per annual maximum kW: (minimum 80 kW)</b>			
< 1000 kW:	\$0.30 /kW		
>= 1000 kW:	\$0.15 /kW		
<b>Energy Charge per kWh:</b>	Summer	Winter	
<b>On-Peak</b>	7.780 ¢/kWh	6.944 ¢/kWh	
<b>Shoulder</b>	5.877 ¢/kWh	5.579 ¢/kWh	
<b>Off-Peak</b>	3.351 ¢/kWh	3.829 ¢/kWh	
<b>Demand Charge per kW: (minimum 80 kW)</b>	Summer	Winter	
<b>On-Peak</b>	\$5.75 /kW	\$4.42 /kW	
<b>Shoulder</b>	\$1.59 /kW	\$1.22 /kW	
<b>Off-Peak</b>	\$0.00 /kW	\$0.00 /kW	

C

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C

N

NORTH DAKOTA PUBLIC  
 SERVICE COMMISSION  
 Case No. PU-18-  
 Approved by order dated

EFFECTIVE with bills rendered on  
 and after October 1, 2018, in North Dakota

APPROVED: Bruce G. Gerhardson  
 Vice President, Regulatory Affairs



Fergus Falls, Minnesota

<b>PRIMARY SERVICE</b>			
<b>Customer Charge per Month:</b>	\$60.00		
<b>Monthly minimum Bill:</b>	\$325.00 + Customer + Facilities Charge		<b>C</b>
<b>Facilities Charge per Month per annual Maximum kW: (minimum 80 kW)</b>	\$0.11 /kW		<b>N C C</b>
<b>Energy Charge per kWh:</b>	Summer	Winter	
<b>On-Peak</b>	7.745 ¢/kWh	6.908 ¢/kWh	
<b>Shoulder</b>	5.851 ¢/kWh	5.551 ¢/kWh	
<b>Off-Peak</b>	3.339 ¢/kWh	3.811 ¢/kWh	
<b>Demand Charge per kW: (minimum 80 kW)</b>	Summer	Winter	<b>N</b>
<b>On-Peak</b>	\$5.71 /kW	\$4.39 /kW	
<b>Shoulder</b>	\$1.57 /kW	\$1.21 /kW	
<b>Off-Peak</b>	\$0.00 /kW	\$0.00 /kW	
<b>TRANSMISSION SERVICE</b>			
<b>Customer Charge per Month:</b>	\$60.00		
<b>Monthly minimum Bill:</b>	\$325.00 + Customer + Facilities Charge		<b>C</b>
<b>Facilities Charge per Month per annual Maximum kW: (minimum 80 kW)</b>	\$0.00 /kW		<b>N L L</b>
<b>Energy Charge per kWh:</b>	Summer	Winter	
<b>On-Peak</b>	7.530 ¢/kWh	6.693 ¢/kWh	
<b>Shoulder</b>	5.696 ¢/kWh	5.382 ¢/kWh	
<b>Off-Peak</b>	3.265 ¢/kWh	3.700 ¢/kWh	
<b>Demand Charge per kW: (minimum 80 kW)</b>	Summer	Winter	<b>N</b>
<b>On-Peak</b>	\$4.86 /kW	\$3.74 /kW	
<b>Shoulder</b>	\$1.06 /kW	\$0.82 /kW	
<b>Off-Peak</b>	\$0.00 /kW	\$0.00 /kW	

NORTH DAKOTA PUBLIC  
 SERVICE COMMISSION  
 Case No. PU-18-  
 Approved by order dated

EFFECTIVE with bills rendered on  
 and after October 1, 2018, in North Dakota

APPROVED: Bruce G. Gerhardson  
 Vice President, Regulatory Affairs



Fergus Falls, Minnesota

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**DEFINITIONS OF SEASONS:**

Summer: June 1 through September 30.

Winter: October 1 through May 31.

**DETERMINATION OF FACILITIES CHARGE:** The monthly measured Demand will be based on the maximum Demand in kW registered over any one-hour period by a suitable Demand Meter for the month for which the bill is rendered. The Facilities Charge Demand will be the greater of 80 kW or the largest of the most recent 12 monthly measured Demands.

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**DETERMINATION OF METERED AND ESTABLISHED DEMAND:** The Metered Demand shall be the maximum kW registered over any period of one hour during the month for which the bill is rendered. The Established Demand shall be the Metered Demand adjusted for Excess Reactive Demand.

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**ADJUSTMENT FOR EXCESS REACTIVE DEMAND:** The Metered Demand shall be increased by one kW for each whole ten kVar of reactive demand in excess of 50% of the measured demand in kW.

**DEFINITION OF ON-PEAK, SHOULDER AND OFF-PEAK PERIODS BY SEASON:**

WINTER SEASON - OCTOBER 1 THROUGH MAY 31

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**On-Peak:** For all kW and kWh used Monday through Friday between 7:00 a.m. and 12:00 noon, and between 5:00 p.m. and 9:00 p.m.

**Shoulder:** For all kW and kWh used Monday through Friday hours 6:00 a.m. to 7:00 a.m., hours 12:00 noon to 5:00 p.m. and hours 9:00 p.m. to 10:00 p.m. and, Saturday through Sunday 6:00 p.m. to 10:00 p.m.

**Off-Peak:** For all other kW and kWh used Monday through Friday hours 10:00 p.m. to 9:00 a.m. and, Saturday and Sunday 10:00 p.m. through 9:00 a.m.



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SUMMER SEASON - JUNE 1 THROUGH SEPTEMBER 30

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On-Peak: For all kW and kWh used Monday through Friday between 1:00 p.m. and 7:00 p.m.

Shoulder: For all kW and kWh used Monday through Friday 9:00 a.m. to 1:00 p.m., and 7:00 p.m. to 10:00 p.m., Saturday through Sunday 9:00 a.m. to 10:00 p.m.

Off-Peak: For all kW and kWh used Monday through Friday hours 10:00 p.m. to 9:00 a.m. and, Saturday and Sunday 10:00 p.m. through 9:00 a.m.

**CONTRACT PERIOD & AGREEMENT**: Contract period will be outlined in agreement.

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NORTH DAKOTA PUBLIC  
SERVICE COMMISSION  
Case No. PU-18-  
Approved by order dated

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EFFECTIVE with bills rendered on  
and after October 1, 2018, in North Dakota

APPROVED: Bruce G. Gerhardson  
Vice President, Regulatory Affairs



Fergus Falls, Minnesota

**STANDBY SERVICE**

DESCRIPTION	OPTION A: FIRM	OPTION B: NON-FIRM
	RATE CODE	RATE CODE
Transmission Service	N941	N950
Primary Service	N944	N953
Secondary Service	N947	N956

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**RULES AND REGULATIONS:** Terms and conditions of this schedule and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule provides Backup, Scheduled Maintenance, and Supplemental Services. This schedule is applicable to any Customer who has the following conditions:

1. Requests to become a Standby Service Customer of the Company. Otherwise, the Company views the Customer as a Non-Standby Service Customer. For information about the different categories of Non-Standby Service Customers, including exemptions from Standby Service, please see Definitions and Useful Terms, beginning on page 5. N
2. Utilizes Extended Parallel Generation Systems to meet all or a portion of electrical requirements, which is capable of greater than 60 kW. Customers with Extended Parallel Generation Systems used to meet all or a portion of electrical requirements that are capable of 60 kW or less are considered Non-Standby Service Customers and exempt from paying standby charges. Please see Definitions and Useful Terms for more information regarding Non-Standby Service Customers. CN

The Company delivers alternating current service at transmission, primary or secondary voltage under this rate schedule, supplied through one Meter. C

Power production equipment at the Customer site shall not operate in parallel with the Company's system until the installation has been inspected by an authorized Company representative and final written approval is received from the Company to commence parallel operation.



Fergus Falls, Minnesota

**RATE:**

<b>OPTION A: FIRM STANDBY</b>			
	<b>Transmission Service</b>	<b>Primary Service</b>	<b>Secondary Service</b>
<b>Firm Standby Fixed Charges</b>			
Customer Charge per Month	\$199.00/month	\$199.00/month	\$199.00/month
Minimum Monthly Bill	Customer + Reservation + Standby Facilities Charges	Customer + Reservation + Standby Facilities Charges	Customer + Reservation + Standby Facilities Charges
Summer Reservation Charge per month per kW of Contracted Backup Demand	81.704 ¢/kW	84.590 ¢/kW	85.069 ¢/kW
Winter Reservation Charge per month per kW of Contracted Backup Demand	9.254 ¢/kW	9.634 ¢/kW	9.697 ¢/kW
Standby Distribution Facilities charge per <b>month</b> per kW of Contracted Backup Demand	Not Applicable	11.00 ¢/kW	30.00 ¢/kW
<b>Firm Standby On-Peak Demand Charge - Summer</b>			
Metered Demand per <b>day</b> per kW On-Peak Backup Charge	35.865 ¢/kW	48.683 ¢/kW	49.076 ¢/kW
<b>Firm Standby On-Peak Demand Charge - Winter</b>			
Metered Demand per <b>day</b> per kW On-Peak Backup Charge	28.694 ¢/kW	31.978 ¢/kW	32.187 ¢/kW
<b>Firm Standby Energy Charges - Summer</b>			
Energy Charges per kWh			
On-Peak Charge	7.530 ¢/kWh	7.745 ¢/kWh	7.780 ¢/kWh
Shoulder Charge	5.696 ¢/kWh	5.851 ¢/kWh	5.877 ¢/kWh
Off-Peak Charge	3.265 ¢/kWh	3.339 ¢/kWh	3.351 ¢/kWh
<b>Firm Standby Energy Charges - Winter</b>			
Energy Charges per kWh			
On-Peak Charge	6.693 ¢/kWh	6.908 ¢/kWh	6.944 ¢/kWh
Shoulder Charge	5.382 ¢/kWh	5.551 ¢/kWh	5.579 ¢/kWh
Off-Peak Charge	3.700 ¢/kWh	3.811 ¢/kWh	3.829 ¢/kWh

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 Vice President, Regulatory Affairs



Fergus Falls, Minnesota

<b>OPTION B: NON-FIRM STANDBY</b>			
	<b>Transmission Service</b>	<b>Primary Service</b>	<b>Secondary Service</b>
<b>Non-Firm Standby Fixed Charges</b>			
Customer Charge per Month	\$199.00/month	\$199.00/month	\$199.00/month
Minimum Monthly Bill	Customer + Reservation + Standby Facilities Charge	Customer + Reservation + Standby Facilities Charge	Customer + Reservation + Standby Facilities Charge
Reservation Charge per month per kW of Contracted Backup Demand	Not Available	Not Available	Not Available
Standby Facilities charge per month per kW of Contracted Backup Demand	Not Applicable	11.00 ¢/kW	30.00 ¢/kW
<b>Non-Firm Standby On-Peak Demand Charge - Summer</b>			
Metered Demand per day per kW On-Peak Backup Charge	Not Available	Not Available	Not Available
<b>Non-Firm Standby On-Peak Demand Charge - Winter</b>			
Metered Demand per day per kW On-Peak Backup Charge	Not Available	Not Available	Not Available
<b>Non-Firm Standby Energy Charges - Summer</b>			
Energy Charges per kWh			
On-Peak Charge	Not Available	Not Available	Not Available
Shoulder Charge	5.696 ¢/kWh	5.851 ¢/kWh	5.877 ¢/kWh
Off-Peak Charge	3.265 ¢/kWh	3.339 ¢/kWh	3.351 ¢/kWh
<b>Non-Firm Standby Energy Charges - Winter</b>			
Energy Charges per kWh			
On-Peak Charge	Not Available	Not Available	Not Available
Shoulder Charge	5.382 ¢/kWh	5.551 ¢/kWh	5.579 ¢/kWh
Off-Peak Charge	3.700 ¢/kWh	3.811 ¢/kWh	3.829 ¢/kWh

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**IRRIGATION SERVICE**

DESCRIPTION	RATE CODE
Option 1: Non-Time of Use	N703
Option 2: Time of Use	N704

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**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This service is applicable to Customers for pumping water for irrigation of land during the irrigation season, April 15 through November 1.

**RATE:**

OPTION 1			
Customer Charge per Month:	\$1.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month:	Customer-Specific see Tariff		
Energy Charge per kWh:	Summer		Winter
	6.526	¢/kWh	4.775 ¢/kWh



**DEFINITION OF DECLARED, INTERMEDIATE AND OFF-PEAK PERIODS BY SEASON:**

**WINTER SEASON** – April 15 through May 31, and October 1 through November 1.

Declared-Peak: Hours declared.

Intermediate: All hours other than Declared-Peak and Off-peak.

Off-Peak: For all kWh used Weekdays or Saturdays from 10:00 p.m. to 6:00 a.m., all day Sunday.

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**SUMMER SEASON** – June 1 through September 30

Declared-Peak: Hours declared.

Intermediate: All hours other than Declared-peak and Off-peak.

Off-Peak: For all kWh used Weekdays or Saturdays from 10:00 p.m. to 6:00 a.m., all day Sunday.

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**CONTRACT PERIOD AND AGREEMENT:** The minimum Contract Period shall be five years.

The Company shall enter into a written agreement with each Customer served at this rate and the Customer shall agree to pay for service at this rate for a minimum period of five years because of the investment of the Customer in pumping and irrigation equipment, and of the Company in the extension of lines.

If, during the terms of such agreement, the Company shall establish a superseding rate for this service, the Customer shall be billed at the superseding rate for the balance of the term of the contract and shall comply with all terms and conditions of the superseding rate. Unless there is additional investment by the Company, there shall be no change in the amount of the fixed charge during the term of such agreement regardless of the provisions of any superseding rate.

An agreement will be entered into with each Customer, specifying the investment necessary to supply service and the fixed charge.



**OUTDOOR LIGHTING – ENERGY ONLY  
 DUSK TO DAWN**

DESCRIPTION	RATE CODE
Sign Lighting	N744
Municipal Holiday Lighting	N747
Outdoor Lighting - Metered	N748
Outdoor Lighting - Non-Metered	N749

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**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to all Customers who choose to own, install, and maintain automatically operated dusk to dawn outdoor lighting equipment. Under the schedule, the Company will provide only the dusk to dawn electric Energy.

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**EQUIPMENT AND SERVICE OWNERSHIP:** The Customer or other third party shall install and own all equipment necessary for service beyond the point of connection with the Company’s electrical system. The point of connection shall be at the Meter or disconnect switch, for service provided either overhead or underground. The Customer will be responsible for furnishing and installing a master disconnect switch at the point of connection so as to isolate the Customer’s equipment from the Company’s electrical system. The Customer’s disconnect switch must meet the Company’s specifications.

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The Customer is responsible for the cost of providing maintenance on the equipment it owns. The Company reserves the right to disconnect the Customer’s equipment from the Company’s electrical system should the Company determine the Customer’s lighting equipment is operated or maintained in an unsafe or improper manner.

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**RATE – METERED:**

<b>MUNICIPAL HOLIDAY LIGHTING*/OUTDOOR LIGHTING - ENERGY ONLY</b>	
<b>Customer Charge per Month:</b>	\$2.00
<b>Monthly Minimum Bill:</b>	Customer Charge
<b>Energy Charge per kWh:</b>	6.608 ¢/kWh

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\*Municipal Holiday Lighting is billed on a calculated Energy amount, determined by the number of lighting fixtures in service and their associated wattage during the holiday season. This rate is billed annually.

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**RATE – NON-METERED:**

<b>SIGN LIGHTING/OUTDOOR LIGHTING – ENERGY ONLY</b>
<b>Monthly charge = Connected kW x \$22.58, where Connected kW is the rated power of the lighting fixture (including ballast).</b>

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**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**SERVICE CONDITIONS:** Company-owned lights shall not be attached to Customer-owned property.

The Company shall have the right to periodically review the Customer’s lighting equipment to verify that the rated power (kW) of the non-metered fixtures is consistent with the Company’s records.

**OUTDOOR LIGHTING  
DUSK TO DAWN**

DESCRIPTION	RATE CODE
Street and Area Lighting	N741

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**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to any Customer, including a village, town or city, for automatically operated dusk to dawn outdoor lighting supplied and operated by the Company.

**RATE:**

STREET AND AREA LIGHTING			
Unit Type	Lumens	Wattage	Monthly Charge
MV-6	6,000	175	\$ 6.75
MV-6PT	6,000	175	9.74
MV-11	11,000	250	12.33
MV-21	21,000	400	16.15
MV-35	35,000	700	23.57
MV-55	55,000	1000	30.00
MA-8	8,500	100	8.31
MA-14	14,000	175	15.95
MA-20	20,500	250	18.12
MA-36	36,000	400	17.64
MA-110	110,000	1000	37.83
HPS-9	9,000	100	7.15
HPS-9PT	9,000	100	9.56
HPS-14	14,000	150	11.55
HPS-14PT	14,000	150	12.29
HPS-19	19,000	200	13.37
HPS-23	23,000	250	15.09
HPS-44	44,000	400	18.63

**MUNICIPAL PUMPING SERVICE**

DESCRIPTION	RATE CODE
Secondary Service	N872
Primary Service	N874

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**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to nonseasonal municipal or other governmental loads only. It shall apply to electric service for motor driven pumps for use at water pumping and treating plants, sewage disposal and treating plants, sewage lift stations and may extend to all lighting and other electrical requirements incidental to the operation of such plants and lift stations at those locations. Municipal buildings adjacent to, but not incidental to the pumping operation, may not be served on this rate.

The rate and monthly minimum shall apply to each Meter in service. Except where service through a Meter is for electric space heating only, the Energy on this Meter shall be added to the pumping Meter for billing purposes. C  
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The Company retains the authority to allow totalizing at locations where allowed electric space heating load is metered separately from the pumping load. In all other cases the monthly minimum shall apply to each Meter providing service under this tariff. C

**RATE:**

SECONDARY SERVICE		
Customer Charge per Month:		\$4.00
Monthly Minimum Bill:	Customer + Facilities Charge	
Facilities Charge per Month:		\$4.00
Energy Charge per kWh:	Summer	Winter
	6.153 ¢/kWh	5.580 ¢/kWh



Fergus Falls, Minnesota

**CIVIL DEFENSE - FIRE SIRENS**

DESCRIPTION	RATE CODE
Civil Defense – Fire Sirens	N843

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**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF SCHEDULE:** This schedule is applicable to separately served civil defense and municipal fire sirens.

**RATE:**

CIVIL DEFENSE - FIRE SIRENS	
Customer Charge per Month:	\$1.00
Monthly Minimum Bill:	Customer Charge
Facilities Charge per Month:	\$0.00
Charge per HP:	53.193¢/HP

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**OTHER SIREN SERVICE:** If the siren is served through a tariff applicable to the City Hall, fire hall or other tariffed service, no separate billing shall be made for the siren.

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Vice President, Regulatory Affairs



**SMALL POWER PRODUCER RIDER  
OCCASIONAL DELIVERY ENERGY SERVICE**  
(Commonly identified as Net Energy Billing)

Base Avoided Costs Code N920 C  
Base Avoided Costs plus Renewable Energy Credit Code N921 C

**RULES AND REGULATIONS:** Terms and conditions of this rider and the General Rules and Regulations govern service of this schedule. L

**AVAILABILITY:** Available to any qualifying facility not exceeding 100 kW of generating capacity.

**METERING CHARGE:** \$1.40 per month

**PAYMENT SCHEDULES:** Base Avoided Costs: 2.392¢ per kWh

Base Avoided Costs plus Renewable Energy Credit: 2.452¢ per kWh

**SPECIAL CONDITIONS OF SERVICE:** The Customer will be required to sign a contract, agreeing to terms and conditions specified for small power producers. The minimum term of the contract is 12 months.

**INTERIM RATE ADJUSTMENT:**  
A 6.79 percent increase will be added to the Metering Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.



**SMALL POWER PRODUCER RIDER  
 TIME OF DELIVERY ENERGY SERVICE**

Base Avoided Costs	Code N930	<b>C</b>
Base Avoided Costs Plus Renewable Energy Credit	Code N932	<b>C</b>

**AVAILABILITY:** This rider is available to any Qualifying Facility not exceeding 100 kW of generating capacity. This rider is available to any Qualifying Facility exceeding 100 kW upon the approval of the Company. The Company reserves the right to require the Qualifying Facility to sign an Agreement.

**METERING CHARGE:** \$12.85 per month

<b><u>PAYMENT SCHEDULE:</u></b>	<b>ENERGY:</b>		
	<u>On-Peak</u>	<u>Off-Peak</u>	
Base Avoided Costs			<b>D</b>
Summer	2.826¢ per kWh	1.779¢ per kWh	
Winter	2.919¢ per kWh	2.004¢ per kWh	
Base Avoided Costs Plus Renewable Energy Credit			<b>D</b>
	<u>On-Peak</u>	<u>Off-Peak</u>	
Summer	2.886¢ per kWh	1.839¢ per kWh	
Winter	2.979¢ per kWh	2.064¢ per kWh	

**INTERIM RATE ADJUSTMENT:**  
 A 6.79 percent increase will be added to the Metering Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.



**SMALL POWER PRODUCER RIDER  
 DEPENDABLE SERVICE**

Base Avoided Costs	Code N940	<b>DC</b>
Base Avoided Costs Plus Renewable Energy Credit	Code N942	<b>DC</b>

**AVAILABILITY:** Available to any qualifying facility which is capable of delivering power and energy to the Company on a dependable basis.

**INTERIM RATE ADJUSTMENT:**  
 A 6.79 percent increase will be added to the Metering Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**METERING CHARGE:** \$12.85 per month

**PAYMENT SCHEDULE:**

**ENERGY:**

Base Avoided Costs	<u>On-Peak</u>	<u>Off-Peak</u>	
Summer	2.826¢ per kWh	1.779¢ per kWh	<b>D</b>
Winter	2.919¢ per kWh	2.004¢ per kWh	
Base Avoided Costs Plus Renewable Energy Credit	<u>On-Peak</u>	<u>Off-Peak</u>	
Summer	2.886¢ per kWh	1.839¢ per kWh	<b>D</b>
Winter	2.979¢ per kWh	2.064¢ per kWh	

**CAPACITY:**

	Monthly \$/kW	Monthly \$/kW
Contract	Net Capacity	Levelized
<u>Term</u>	<u>Rate</u>	<u>Rate</u>
60 mos.	\$5.86	\$2.34

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 Vice President, Regulatory Affairs



Fergus Falls, Minnesota

**RENEWABLE RESOURCE COST RECOVERY RIDER**

DESCRIPTION	RATE CODE
All Services	NRRA

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**RULES AND REGULATIONS:** Terms and conditions of this rider and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF RIDER:** This rider is applicable to electric service under all of the Company’s Retail Rate Schedules in Section 9, 10, 11, 12, 13.05, and 14, except for Section 14.09 (**TailWinds**) and Section 14.11 (Released Energy Access Program Rider).

**COST RECOVERY CHARGE:** There shall be included on each North Dakota customer’s monthly bill a Renewable Resource Cost Recovery (“RRC”) charge based on the applicable cost recovery factor multiplied by the Customer’s monthly bill. The Customer’s monthly bill shall be based on all applicable charges and credits under the Company’s retail rate schedules in Sections 9, 10, 11, 12, and 14, except for Section 14.09 (**TailWinds**) and Section 14.11 (Released Energy Access Program Rider). The RRC charge will not apply to any Mandatory Riders or sales tax and any local assessments as provided in the General Rules and Regulations for the Company’s electric service, except Section 13.05 (Economic Development Cost Removal Rider). The following charges are applicable in addition to all charges for service being taken under the Company’s standard rate schedules and will be included in the Energy and Renewable Adjustment line item on the customer’s bill.

<b>Renewable Resource Cost Recovery Factor - 7.493 percent</b>
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**DETERMINATION OF RENEWABLE RESOURCE COST CHARGE:** The RRC Factor shall be determined by dividing the forecasted *balance of the RRC Tracker account* by the *forecasted retail revenues subject to the RRC Factor*. The forecasted RRC Tracker balance and retail revenues shall be based on the forecast for the appropriate 12 month period (or such other period as may be approved by the Commission). The RRC Factor shall be rounded to the nearest 0.001 percent.

**ECONOMIC DEVELOPMENT COST REMOVAL RIDER**

DESCRIPTION	RATE CODE
All Service	NEDCR

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**RULES AND REGULATIONS:** Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this rider.

**APPLICATION OF RIDER:** This rider is applicable to electric service under all of the Company's Retail Rate Schedules.

**COST RECOVERY FACTOR:** There shall be included on each North Dakota Customer's monthly bill an Economic Development Cost Removal, which shall be the Economic Development Cost Removal Factor multiplied by all of the Customer's monthly billing kWh's for electric service. This Economic Development Cost Removal shall be calculated before any applicable municipal payment adjustments and sales taxes as provided in the General Rules and Regulations for the Company's electric service. The Economic Development Cost Removal shall be in addition to all charges for service being taken under the Company's standard rate schedules.

Economic Development Cost Removal Factor (0.025) ¢ per Kilowatt-hour

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**TRANSMISSION COST RECOVERY RIDER**

DESCRIPTION	RATE CODE
Large General Service – Demand charge	NTCRD
Large General Service – Energy charge	NTCRE
Controlled Service	NTCRC
Lighting	NTCRL
All Other Service	NTCRO

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**REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this rider.

**APPLICATION OF RIDER:** This rider is applicable to any electric service under all of the Company’s retail rate schedules.

**COST RECOVERY FACTOR:** There shall be included on each North Dakota Customer’s monthly bill a Transmission Cost Recovery charge, which shall be calculated before any applicable municipal payment adjustments and sales taxes as provided in the General Rules and Regulations for the Company’s electric service. The following charges are applicable in addition to all charges for service being taken under the Company’s standard rate schedules.

**RATE:**

TRANSMISSION COST RECOVERY			
Energy Charge per kWh:		kWh	kW
<b>Large General Service (a)</b>		N/A ¢/kWh	\$1.632
<b>Controlled Service (b)</b>		0.085 ¢/kWh	N/A
<b>Lighting (c)</b>		0.312 ¢/kWh	N/A
<b>All Other Service</b>		0.543 ¢/kWh	N/A

(a) Rate schedules 10.03 Large General Service, 10.05 Large General Service – Time of Day, 14.02 Real Time Pricing Rider and 14.03 Large General Service Rider.  
 (b) Rate Schedules 14.01 Water Heating, 14.04 Interruptible Load (CT Metering), 14.05 Interruptible Load (Self-Contained Metering), 14.06 Deferred Load, and 14.07 Fixed Time of Delivery  
 (c) Rate Schedules 11.03 Outdoor Lighting (energy only) and 11.04 Outdoor Lighting



Fergus Falls, Minnesota

**ENVIRONMENTAL COST RECOVERY RIDER**

DESCRIPTION	RATE CODE
All Service – Environmental Cost Recovery	NECR
All Service – Reagent and Allowance Cost Recovery	NECRR

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**RULES AND REGULATIONS:** Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this rider.

**APPLICATION OF RIDER:** This rider consists of two separate charges; the Environmental Cost Recovery (“ECR”) Rider Charge and the Reagents and Emissions Allowance Adjustment (“REAA”) Rider Charge. This rider is applicable to electric service under all of the Company’s retail rate schedules in Sections 9, 10, 11, 12, 13.05, and 14, except for Section 14.09 (**TailWinds**) and Section 14.11 (Released Energy Access Program Rider).

**ENVIRONMENTAL COST RECOVERY CHARGE:** There shall be included on each North Dakota Customer’s monthly bill an Environmental Cost Recovery (“ECR”) Charge, based on the applicable ECR Factor multiplied by the Customer’s monthly bill. The Customer’s monthly bill shall be based on all applicable charges and credits under the Company’s retail rate schedules in Sections 9, 10, 11, 12 and 14, except for Section 14.09 (**TailWinds**) and Section 14.11 (Released Energy Access Program Rider). The ECR Factor will not apply to any Mandatory Riders, except Section 13.05 (Economic Development Cost Removal Rider). The ECR charge will be included as part of the charge reflected on the Customer’s bill on the line labeled “EPA Req Environmental Cst.”

**Environmental Cost Recovery Factor - 5.993 percent**

**DETERMINATION OF ECR FACTOR:** The ECR Factor shall be determined by dividing the forecasted *balance of the ECR Tracker account* by the *forecasted retail revenues subject to the ECR Factor*. The forecasted ECR Tracker balance and retail revenues shall be based on the forecast for the appropriate 12 month period (or such other period as may be approved by the Commission). The ECR Factor shall be rounded to the nearest 0.001 percent.

The *balance of the ECR Tracker account* for determination of the ECR Factor shall include annual revenue requirements and any true-up balance described as follows:

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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

**WATER HEATING CONTROL RIDER**

DESCRIPTION	RATE CODE
Separately Metered Water Heating Control Service	N191
Water Heating Credit Control Service	N192

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**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available for Residential or nonresidential purposes.

**RATE:**

WATER HEATING - CONTROLLED SERVICE - 191		
Customer Charge per Month:	\$1.00	
Monthly Minimum Bill:	Customer + Facilities Charge	
Facilities Charge per Month:	\$1.00	
Energy Charge per kWh:	Summer	Winter
	5.403 ¢/kWh	5.268 ¢/kWh

WATER HEATING CREDIT - 192
A \$4.00 credit per month shall be applied to all bills having direct control water heating, except the credit shall not reduce the monthly billing to less than the Monthly Minimum Bill.

**INTERIM RATE ADJUSTMENT:**

A 6.79 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

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**REAL TIME PRICING RIDER**

DESCRIPTION	RATE CODE
Transmission Service	N660
Primary Service	N662
Secondary Service	N664

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**RULES AND REGULATIONS:** Terms and condition of this tariff and the General Rules and Regulations govern use of this schedule.

**INTERIM RATE ADJUSTMENT:** A 6.79 percent increase will be added to the Administrative Charge.

**AVAILABILITY:** This rider is available on a voluntary basis to Customers who have maintained a measured Demand of at least 200 kW during the historical period used for Customer Baseline Load (“CBL”) development. Priority will be established based on the date that an agreement is executed by both the Customer and the Company.

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**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**ADMINISTRATIVE CHARGE:** An Administrative Charge in the amount of \$199.00 will be applied to each monthly bill to cover billing, administrative, metering, and communication costs associated with real-time pricing, plus any other applicable tariff charges.

**TYPE OF SERVICE:** Three-phase, 60 hertz at any available Standard Voltage.

**TERM OF SERVICE:** Service under this rider shall be for a period not less than one year. The Customer shall take service under this rider by either signing a new electric service agreement with the Company or by entering into amendments of existing electric service agreements. A Customer who voluntarily cancels service under this rider is not eligible to receive service again under this rider for a period of one year.



**PRICING METHODOLOGY:** Hourly prices are determined for each day based on projections of the hourly system incremental costs, losses according to voltage level, hourly outage costs (when applicable), and profit margin.

**CUSTOMER BASELINE LOAD:** The Customer Baseline Load is specific to each Real Time Pricing (“RTP”) Customer and is developed using a 12-month period of hourly (8,760) Energy levels (kWh) as well as the corresponding twelve monthly Billing Demands based on the Customer’s rate schedule under which it was being billed immediately prior to taking service under the RTP Rider. The Customer’s CBL must be agreed to in writing by the Customer as a precondition of receiving service under this rider. C

The Customer’s CBL is a representation of its typical pattern of electricity consumption and is derived from historical usage data. The CBL is used to produce the Standard Bill and from which to measure changes in consumption for purposes of billing under the RTP rider.

**STANDARD BILL:** The Standard Bill is calculated by applying the charges in the rate schedule under which the Customer was being billed immediately prior to taking service under the RTP rider to both the Customer’s CBL Demand (adjusted for Reactive Demand) and the CBL level of Energy usage for each month of the RTP service year. The Company will immediately adjust a Customer’s Standard Bill to reflect any changes which are approved by the North Dakota Public Service Commission to the applicable rate schedule. C C

**BILL DETERMINATION:** A Real Time Pricing bill will be rendered after each monthly billing period. The bill consists of an Administrative Charge, a Standard Bill, a charge (or credit) for consumption changes from the CBL, and an excess reactive Demand charge/credit. C  
The monthly bill is calculated using the following formula:

<b>RTP Bill<sub>Mo</sub> = Adm. Charge + Std Bill<sub>Mo</sub> + Consumption Changes from CBL<sub>Hr</sub> + Excess Reactive Demand</b>	
<b>Where:</b>	
RTP Bill <sub>Mo</sub>	= Customer's monthly bill for service under this Rider
Adm. Chg.	= See Administrative Charge section above
Std. Bill <sub>Mo</sub>	= See Standard Bill section above
Consumption Changes From CBL	= $\Sigma \{ \text{Price}_{\text{Hr}} \times \{ \text{Load}_{\text{Hr}} - \text{CBL}_{\text{Hr}} \} \}$
Excess Reactive Demand	= See Excess Reactive Demand section below
$\Sigma$	= Sum over all hours of the monthly billing period
Price <sub>Hr</sub>	= Hourly RTP price as defined under Pricing Methodology
Load <sub>Hr</sub>	= Customer's actual load for each hour of the billing period
CBL <sub>Hr</sub>	= Customer's CBL energy usage for each hour of the billing period

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**CONSUMPTION CHANGES FROM CBL:** Hourly RTP prices are applied only to the difference, determined in kWhs for each hour of the billing period, between the Customer's actual Energy usage and its CBL Energy usage.

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**EXCESS REACTIVE DEMAND:** The Reactive Demand shall be the maximum KVAR registered over any period of one hour during the month for which the bill is rendered. A separate charge or credit will be made on the bill to reflect incremental changes from the Reactive Demand used in the Standard Bill calculation.

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**DETERMINATION OF THE CBL:**

1. Development of the Customer's CBL.

For a Customer who elects to take service under this RTP rider, the Company and the Customer will develop a CBL using hourly load data from a representative 12-month period. The representative hourly load data to be used will be historical data that originates within two years (24 months) of the date that the Customer begins receiving service under the RTP rider.

In situations where hourly data are not available for a particular Customer, a CBL will be made by using available aggregate metered usage data and load shapes from Customers with similar usage patterns along with engineering and operating data provided by the Customer and which is verified by the Company.

2. Calendar Mapping of the Base-Year CBL to the RTP service year.



**LARGE GENERAL SERVICE RIDER**

DESCRIPTION	Option 1	Option 2
Fixed Rate Energy Pricing	N648	N649
System Marginal Energy Pricing	N642	N645
Short-term Marginal Capacity Purchases	N643	N646
Short-term Marginal Capacity Releases	N644	N647

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**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available at the request of Customers who take service under the rate schedules listed in the Application Section of this tariff and have either (**Option 1**) a metered Demand of at least 1 MW, or (**Option 2**) a Total Coincident Demand of at least 10 MW for multiple, non-contiguous facilities that function in series.

**INTERIM RATE ADJUSTMENT:** A 6.79 percent increase will be added to the Administrative Charge.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**ELECTRIC SERVICE AGREEMENT:** For service under this Rider, the Company may, at its discretion, require a written electric service agreement (ESA”) between the Company and the Customer that sets forth, among other things, the Customer’s Billing Demand, Firm Demand, On-Peak Baseline Demand and Off-Peak Baseline Demand.

**FIXED RATE ENERGY PRICING:**

**Background:** Certain Company industrial and commercial Customers have ESAs that designate, among other things, a Billing Demand, On-Peak and Off-Peak Baseline Demands and a Firm Demand. With On-Peak and Off-Peak Baseline Demands, the Company agrees to provide and the Customer agrees to purchase all of its Energy requirements at rates set forth in the Customer’s applicable rate schedule and/or a negotiated rate subject to Commission approval. Setting a Firm and Baseline Demands benefits both the Company and the Customer. With Firm Demands, the Company is able to curtail participating Customers’ load to predetermined levels which allows the Company to more accurately forecast its native load Capacity and Energy requirements. Baseline Demands assure the Customer a fixed price for Energy up to the Baseline Demand and

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**CONTROLLED SERVICE - INTERRUPTIBLE LOAD**  
**CT METERING RIDER**  
 (Commonly identified as Large Dual Fuel)

DESCRIPTION	Option 1	Option 2	
CT Metering without ancillary load			<b>D</b>
without Penalty	N170	N/A	<b>N</b>
with Penalty	N170P	N/A	<b>N</b>
CT Metering without ancillary load (with short duration cycling)			<b>D</b>
without Penalty	M165	N/A	<b>N</b>
with Penalty	M165P	N/A	<b>C</b>
CT Metering with ancillary load	N/A	N168C	<b>CD</b>
CT Metering with ancillary load (with short duration cycling)	N/A	N169C	<b>CD</b>

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available for Residential or nonresidential service to any approved permanently connected interruptible load; such loads are primarily the electric heating portion of dual fuel heating systems. Electric heating systems may include heat pumps used for heating and/or cooling. Domestic electric water heating, and/or other permanently connected approved loads other than the exceptions noted below in Option 2, will be interrupted during control periods. When service to the electric space heating equipment on this rate is interrupted, the back-up heating system cannot be electric.

Option 1: Electric fans, pumps and other ancillary equipment used in the distribution of conditioned air and/or water shall be wired for service through the Customer's firm service tariff.

Option 2: The Company retains the authority to allow a portion of the load used to deliver conditioned air and/or water during the control period to remain on during control periods in situations where 1) it is functionally or financially unfeasible to separately serve the equipment's control systems, or other critical ancillary equipment associated with this load, or 2) if the separation would violate the manufacturer's Underwriters Laboratory (UL) approval or other industry recognized operating standards.



During the control period the amount of ancillary load shall not exceed 5% of the metered maximum Demand measured during any period within the most recent 12 months. (For example, although a minimal amount of fan and/or pump load may be allowed under this provision, it is not intended to be applied to larger loads such as the non-conditioned fan load on low-temperature grain drying.)

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If the Customer does not have a back-up heating system, it is not automatic, or it is inadequate, then the Company requires a primary electric heating Customer served on an interruptible rate to complete a Controlled Service Agreement acknowledging that the Customer is aware of the potential for property damage.

**RATE:**

<b>OPTION 1</b>			
<b>Customer Charge per Month:</b>	\$4.00		
<b>Monthly Minimum Bill:</b>	Customer + Facilities Charge		
<b>Facilities Charge per Month per annual Maximum kW:</b>	\$0.08/kW		
	Summer		Winter
<b>Energy Charge per kWh:</b>	2.796 ¢/kWh		2.674 ¢/kWh
<b>Penalty:</b>	39.448 ¢/kWh		12.726 ¢/kWh

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<b>OPTION 2</b>			
<b>Customer Charge per Month:</b>	\$5.00		
<b>Monthly Minimum Bill:</b>	Customer + Facilities Charge		
<b>Facilities Charge per Month per annual Maximum kW:</b>	\$0.08/kW		
	Summer		Winter
<b>Energy Charge per kWh:</b>	2.966 ¢/kWh		2.838 ¢/kWh
<b>Control Period Demand Charge per kW:</b>	\$7.29 /kW		\$5.61 /kW

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**CONTROLLED SERVICE - INTERRUPTIBLE LOAD**  
**SELF-CONTAINED METERING RIDER**  
 (Commonly identified as Small Dual Fuel)

DESCRIPTION	RATE CODE
Self-Contained Metering	N190
Self-Contained Metering with Penalty	N190P
Self-Contained (with short duration cycling)	N185
Self-Contained Metering (with short-duration cycling) with Penalty	N185P

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**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available for Residential or nonresidential service to any approved permanently connected interruptible load; such loads are primarily the electric heating portion of dual fuel heating systems. Electric heating systems may include heat pumps used for both heating and/or cooling. Domestic electric water heating and/or other permanently connected approved loads, other than the exceptions noted below, will be interrupted during control periods. Electric fans, pumps, and other ancillary equipment used in the distribution of heat shall be wired for service through the Customer's firm service tariff.

The Company retains the authority to allow a portion of the load to remain on during control periods in situations where 1) it is unfeasible to separately serve the equipment's control systems or other critical ancillary equipment associated with this load, or 2) if the separation would violate the manufacturer's Underwriters Laboratory (UL) approval or other industry recognized operating standards. Although a minimal amount of fan and pump load may be allowed under this provision, it is not intended to be applied to larger fan or pump loads such as those on low-temperature grain drying or heating loops.

When service to the electric space heating equipment on this rate is interrupted, the back-up heating system cannot be electric.

If the Customer does not have a back-up heating system, it is not automatic, or it is inadequate, then the Company requires a primary electric heating Customer served on an interruptible rate to complete a Controlled Service Agreement acknowledging that the Customer is aware of the potential for property damage.



**CONTROLLED SERVICE**  
**DEFERRED LOAD RIDER**  
 (Commonly identified as Thermal Storage)

DESCRIPTION	RATE CODE
Deferred Loads	N197
Deferred Loads with Penalty	N197P
Deferred Loads (Short Duration Cycling)	N195
Deferred Loads (Short Duration Cycling) with Penalty	N195P

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**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available for both Residential and nonresidential service to any approved permanently connected deferred loads that can be served under the limited conditions provided; such loads are primarily electric water heating and thermal storage.

Deferred loads may include heat pumps, domestic electric water heating, and other permanently connected loads that can be interrupted. Subject to the exception below, electric fans, pumps, and other ancillary equipment used in the distribution of heat shall be wired through the Customer's firm service Meter.

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The Company retains the authority to allow a portion of the load to remain on during control periods in situations where 1) it is unfeasible to separately serve the equipment's control systems, or other critical ancillary equipment associated with this load, or 2) if the separation would violate the manufacturer's Underwriters Laboratory (UL) approval or other industry recognized operating standards. Although a minimal amount of fan and pump load may be allowed under this provision, it is not intended to be applied to larger loads such as the fan load on low temperature grain drying.



**AIR CONDITIONING CONTROL RIDER**  
 (Commonly identified as **CoolSavings**)

DESCRIPTION	RATE CODE
Air Conditioning Control Rider	N760

C

**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available to Residential Customers only with central cooling equipment.

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**COMPENSATION:**

The Customer will be compensated for taking service on this rider by receiving a \$7.00 per month bill credit during the billing months June through September. The credit will be applied on the Customer's account.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the applicability matrices of riders.

**TERMS AND CONDITIONS:**

1. Summer Season hours of interruptions per year shall not exceed 300, except during periods of Company system emergencies. Central cooling equipment will be cycled approximately 15 minutes on/15 minutes off.
2. The Company will install, own, and maintain the load management devices controlling the Customer's central cooling equipment.
3. The Customer is required to remain on the rider for 12 consecutive months unless given special approval by the Company. If the Customer leaves the program, they may not participate for another 12 months and may not receive any form of compensation as determined by the Company.
4. The Company has the right to test the function of the load management devices at any time.
5. The Customer must agree to allow the Company to control all central cooling equipment at the location of service.

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**VOLUNTARY RENEWABLE ENERGY RIDER**  
 (Commonly identified as **TailWinds** Program)

DESCRIPTION	RATE CODE
Voluntary Renewable Energy Rider	N720

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**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available to all Customers on a voluntary basis for those averaging 100 kWh or more of usage per month. The renewable Energy service provided under this schedule is subject to the availability of renewable Energy designated to it, as determined by the Company, and is made available on a first-come, first-serve basis.

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**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**RATE:** The charge for the renewable Energy under this schedule is \$1.30 per 100 kWh contracted block. This charge per 100 kWh is in addition to the applicable rate schedule currently serving the Customer. All charges under existing tariffs remain in effect.

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This rider is not subject to the Energy Adjustment Rider, Section 13.01.

**TERMS AND CONDITIONS:**

1. Service under this schedule shall be for a period not less than 12 consecutive months, automatically renewed monthly. After the first full year of service, the Customer may cancel service under this schedule by providing oral or written notice to the Company of their intent to no longer take service no less than 30 days prior to the Customer's normal monthly billing date.
2. The schedule is unavailable to Customers where the Customer: (1) has received one or more disconnect notices within the last 12 months or (2) has been disconnected within the last 12 months.
3. Where the renewable Energy under this schedule is unavailable to the Company for more than 30 consecutive days, the Company will provide an appropriate credit on the Customer's next monthly statement.

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**WAPA BILL CREDITING PROGRAM RIDER**

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DESCRIPTION	RATE CODE
WAPA Bill Crediting Program Rider	N810

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**RULES AND REGULATIONS:** Terms and conditions of this tariff and the General Rules and Regulations govern use of this schedule.

**AVAILABILITY:** This rider is available on a voluntary basis and is limited to Customers who are eligible for the Western Area Power Administration ("Western") Bill Crediting Program ("Program").

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by Customer, unless otherwise noted in this rider. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**TERM OF SERVICE:** Service under this rider shall be for a period not less than 90 days.

**PRICING METHODOLOGY:** The credit is calculated monthly and depends on the individual Tribe's allocation from Western for that month and the composite rate for Western as published on Western's current Schedule of Rates for Firm Power Service. A participating Customer's bill is calculated using the following formula: (per Western contract)

**(MBEU /MTBEU) x BMC = BPMSC, where**

- BPMSC = Beneficiary's Proportionate Monthly Share of Credit
- MBEU = Monthly Beneficiary's (participating Customer) Energy Usage
- MTBEU = Monthly Total Beneficiaries' (participating Native American Tribe) Energy Usage
- BMC = Beneficiaries' (participating Native American Tribe) Monthly Credit  
BMC = MAE x PSD x (\$0.0436 – WAPA's composite rate), *where*
- MAE = Monthly Amount of WAPA's energy Allocation to the Native American Tribe
- PSD = Power Supplier Distribution Percent of WAPA's energy delivered by the Company

**BULK INTERRUPTIBLE SERVICE  
APPLICATION AND PRICING GUIDELINES**

DESCRIPTION	RATE CODE
Bulk Interruptible Service	N680

C

**RULES AND REGULATIONS:** Terms and conditions of this schedule and the General Rules and Regulations govern use of this contract.

**APPLICATION OF SCHEDULE:** This schedule is applicable to Customers with interruptible loads of 750 Kilowatts (kW) or larger by signed contract only.

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

**CONTRACT PERIOD AND FUTURE RESPONSIBILITIES:** Contracts will be for a maximum period of five years, renewable only at the Company's option. The Customer will be responsible for all Energy supply after the contract period. The Company will not guarantee any Energy supply to replace the bulk interruptible service after the contract expires.

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**ENERGY RATE DETERMINATION:** An Energy rate will be negotiated separately with each Customer in order to maximize the margin. The minimum Energy rate that will be accepted is the Energy cost of service plus a margin of \$0.002 per Kilowatt-Hour (kWh).

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**FIXED CHARGE DETERMINATION:** A monthly fixed charge will be established to recover the Company's investment related costs. This charge will be determined based on a monthly rate of 1.5% (18% annually) applied to the total installed cost of all Company-supplied equipment.

**ENERGY ESCALATION:** A maximum Energy escalation rate of 4% per six-month period may be established. The actual escalation rate will be determined by competitive price conditions, contract language and negotiations with the Customer.

**MINIMUMS:** The fixed charge will constitute the minimum payment. In addition, the Customer must agree to utilize electricity as long as the total cost of the electricity offered under this rate is competitive with the Customer's existing alternate fuel.

**OTHER PROVISIONS:** Customers will be responsible for backup service when supply of bulk Energy is interrupted. The Company will control the interruptions. The Company will not be liable for any loss or damage to the Customer due to interruptions.

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