



Fergus Falls, Minnesota

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Proposed Rates and Tariffs Schedules - Non-Legislative - Volume 2C  
Otter Tail Power Company

NORTH DAKOTA PUBLIC  
SERVICE COMMISSION  
Case No. PU-23-  
Approved by order dated

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APPROVED: Bruce G. Gerhardson  
Vice President, Regulatory Affairs



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**APPLICATION FOR SERVICE**  
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## **Section 1.02 APPLICATION FOR SERVICE**

Anyone desiring electric service from the Company must make application to the Company before commencing the use of Company service. The Company reserves the right to require an Electric Service Agreement before the service will be furnished. Receipt of electric service shall constitute the receiver becoming a Customer of the Company subject to its rates, rules, and regulations, whether service is based upon the Tariff, an Electric Service Agreement, or otherwise. All applications and contracts for service are made in the legal name of the party desiring service. The Customer will be responsible for payment of all services furnished. A Customer shall give the Company not less than two business days prior notice to connect service. C

The Customer may take service pursuant to any Commission-approved rate(s) for which the Customer qualifies. The Customer making application for service is required to be of legal age (18). The Customer is required to take service under the selected rate(s) for a minimum of one (1) year, unless the Customer desires to change its service to any rate offering that is newly approved within the one-year period and for which the Customer qualifies. If the Customer changes its service to a different rate, the Customer may not be permitted to change back to the originally applicable rate for a period of one (1) year. The Customer shall provide the Company at least 45 days prior notice in the event of any requested change.

The Company, if reasonable under the circumstances, may consent to a Customer changing rates before taking service for the minimum one-year period described above, and provided the Customer pays any charges that may be required under each rate, including for example, "ratchet" charges or other charges relating to discontinuance of service.

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**ELECTRIC SERVICE AGREEMENT**

Overhead  
 Underground

Work Order No. \_\_\_\_\_  
Electric Rate Schedule No. \_\_\_\_\_  
Rate Code No. \_\_\_\_\_

THIS AGREEMENT is made by and between \_\_\_\_\_ of \_\_\_\_\_ (the "Customer") and Otter Tail Power Company (the "Company"), a Minnesota corporation.

In consideration of the mutual promises contained below, the parties agree as follows:

1. The Customer agrees to purchase and receive from the Company electric energy in accordance with the terms of this Agreement and all terms and conditions and Rules and Regulations (the "Terms") established by the Company, as they now exist or may hereafter be changed, and filed in its approved Tariff with the North Dakota Public Service Commission. These Terms shall include but not be limited to Customer's payment for electrical Energy in accordance with the Company's rate schedule as filed with and approved by the North Dakota Public Service Commission, or such superseding rate(s) as may be filed in the future. A copy of the Rules and Regulations including rate schedules is available from the Company.
2. The Customer represents that it has provided accurate information to the Company and the Customer is eligible to receive electric service pursuant to the Electric Rate Schedule and Rate Code identified above. Customer shall receive service at \_\_\_\_\_ County of \_\_\_\_\_, State of ND.
3. The Company shall supply to Customer \_\_\_\_\_ phase electric service, at \_\_\_\_\_ nominal volts, having a specific Demand classification of \_\_\_\_\_ or an estimated Demand of \_\_\_\_\_, and having an estimated load factor of \_\_\_\_\_ % (if any of the aforementioned is not applicable, so indicate). If applicable, the Company shall charge for and Customer shall pay any Excess Expenditures associated with Special Facilities as identified in Section 5.02 of the Rules and Regulations. The total Excess Expenditures associated with Special Facilities identified is \$ \_\_\_\_\_.
4. The following service Riders apply to Customer's service at this location: The Customer at this location is subject to all mandatory riders in effect at the time of the execution of this agreement, any riders approved by the Commission after the execution of this agreement, and any voluntary riders that the Customer chooses to participate in during the entire term of this agreement.
5. Customer agrees that the Company shall not be liable for any losses, damages, or expenses (including but not limited to injury to persons, including death, or property damages) incurred by any persons for any delay, interruption, curtailment, suspension, disturbance or variability in its provision of electric service (including, but not limited to, any occurrence of voltage fluctuations or power surges) due to acts of God, or to any other cause whatsoever except the Company's own gross negligence or willful misconduct. The Company will not be liable for incidental or consequential damages, including, but not limited to, loss of profits resulting from the use of service or any delay, interruption, curtailment, suspension, disturbance or variability of electric service. The Company shall have the right to suspend temporarily the delivery of electric power hereunder for the purpose of making repairs or improvements of its system, or if necessary to protect public safety.
6. This agreement shall go into effect on the date of signing and shall continue in effect for a period of \_\_\_\_\_ ( ) years and thereafter shall remain in effect from year to year unless terminated by either party by notice given at least sixty (60) days in advance of termination. This agreement shall automatically terminate in the event the Customer discontinues all electric service or has its service disconnected by the Company for any reason. The termination of this agreement for any reason will not relieve Customer of any payments due to the Company for any service provided pursuant to this agreement and the Company's Tariffs, or for the full payment of amounts required pursuant to paragraphs 3 and 7 of this agreement. Customer may not assign this Agreement except upon written consent of the Company.
7. If applicable, as required by the Company Tariff for service extension costs, it is agreed that the Customer will make minimum payments of \$ \_\_\_\_\_ per month for electric service received by the Customer at the service location.



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for a minimum period of thirty six (36) months. If the Customer elects to discontinue service prior to the end of the thirty six (36) month period, or if the Customer is disconnected for any reason, the Customer agrees to pay the difference between the cumulative total paid for electric service prior to the date of discontinuation and the Minimum Total Payment, which is the Company's total investment of \_\_\_\_\_. The Customer agrees to make an advance payment in the amount of \$\_\_\_\_\_ prior to installation of service. This advance payment shall be retained by the Company and will be returned with interest to the Customer upon completion of the minimum thirty six (36) month period, provided that Customer has made the Minimum Total Payment as required. If the Customer does not make the Minimum Total Payment, the Company shall apply the advance payment (if any) against any balance due on the Minimum Total Payment, and Customer shall be required to pay to the Company the unpaid balance of the Minimum Total Payment.

8. The rights and obligations of this agreement shall extend to and be binding upon the respective heirs, executors, administrators, successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the parties execute this Agreement effective as of \_\_\_\_\_, 20\_\_\_\_.

Customer

OTTER TAIL POWER COMPANY

By:

C

NORTH DAKOTA PUBLIC  
SERVICE COMMISSION  
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IRRIGATION ELECTRIC SERVICE AGREEMENT

Overhead  
 Underground

Work Order No. \_\_\_\_\_  
Electric Rate Schedule No. \_\_\_\_\_  
Rate Code No. \_\_\_\_\_

THIS AGREEMENT is made by and between \_\_\_\_\_  
of \_\_\_\_\_ (the "Customer") and Otter Tail Power Company (the  
"Company"), a Minnesota corporation.

In consideration of the mutual promises contained below, the parties agree as follows:

1. The Customer agrees to purchase and receive from the Company electric Energy in accordance with the terms of this Agreement and all terms and conditions and Rules and Regulations (the "Terms") established by the Company as they now exist or may hereafter be changed, and filed in its approved tariff with the North Dakota Public Service Commission. These Terms shall include but not be limited to Customer's payment for electrical Energy in accordance with the Company's rate schedule as filed with and approved by the North Dakota Public Service Commission, or such superseding rate(s) as may be filed in the future. A copy of the Rules and Regulations including rate schedules is available from the Company.
2. The Customer represents that it has provided accurate information to the Company and the Customer is eligible to receive electric service pursuant to the Electric Rate Schedule and Rate Code identified above. Customer shall receive service at \_\_\_\_\_ County of \_\_\_\_\_, State of ND.
3. The Company shall supply to Customer \_\_\_\_\_ phase electric service, at such voltage as determined by the economically available source of supply. The Customer will report the reading of its meter once each month or when requested to do so by the Company.
4. The following service Riders apply to Customer's service at this location: The Customer at this location is subject to all mandatory riders in effect at the time of the execution of this agreement, any riders approved by the Commission after the execution of this agreement, and any voluntary riders that the Customer chooses to participate in during the entire term of this agreement.
5. The Customer agrees that the Company shall not be liable for any losses, damages, or expenses (including but not limited to injury to persons, including death, or property damages) incurred by any persons for any delay, interruption, curtailment, suspension, disturbance or variability in its provision of electric service (including, but not limited to, any occurrence of voltage fluctuations or power surges) due to acts of God, or to any other cause whatsoever except the Company's own gross negligence or willful misconduct. The Company will not be liable for incidental or consequential damages, including, but not limited to, loss of profits resulting from the use of service or any delay, interruption, curtailment, suspension, disturbance, or variability of electric service. The Company shall have the right to suspend temporarily the delivery of electric power hereunder for the purpose of making repairs or improvements of its system.
6. This agreement shall go into effect on the date of signing and shall continue in effect for a period of five (5) years and thereafter shall remain in effect from year to year unless terminated by either party by notice given at least sixty (60) days in advance of termination. This agreement shall automatically terminate in the event the Customer discontinues all electric service or has its service disconnected by the Company for any reason. The termination of this agreement for any reason will not relieve Customer of any payments due to the Company for any service provided pursuant to this agreement and the Company's Tariffs, or for the full payment of amounts required pursuant to paragraphs 7 and 8 of this agreement. Customer may not assign this agreement except upon written consent of the Company.
7. If applicable, Customer has elected to build or purchase the extension of lines, and the point of line extension at which Customer-owned line extension meets with the Company-owned line is at: \_\_\_\_\_ Customer shall be responsible to ensure that the line extension on the Customer's side of the metering point meets applicable electric codes and standards. Unless otherwise stated in this Agreement, all equipment on the Customer's side of this metering point is owned by the Customer, and all equipment



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on the Company's side of the metering point is owned by the Company. Unless otherwise agreed to by the Company in writing, the Company shall not maintain or operate the Customer's line or equipment and the Customer is required to operate and maintain its line and equipment at the Customer's own expense. Exceptions (if any) are as follows:

If at any time, in the opinion of the Company, that portion of the line extension owned by the Customer interferes with the operation of the Company's line or system, or shall be a hazard to persons or property, the Company reserves the right to discontinue service until the Customer's line extension has been restored to a safe and proper condition.

8. As required under its Electric Rate Schedule for this service, the Customer shall pay an annual fixed charge to compensate the Company for its investment in the extension of lines (which shall exclude any line extensions provided by the Customer as described in Paragraph 7), including the Special Facilities charges as identified in Section 5.02 of the General Rules and Regulations for rebuilding or cost of capacity increase in lines or apparatus, necessitated because of the Company's irrigation pumping load. The Company's total investment is \$ \_\_\_\_\_. The Customer elects to pay this charge as follows:

Annual Fixed Charge is:

\_\_\_\_\_ Equal to the rate in effect at the time the ESA is signed multiplied by the Investment of the Company, which annual amount for the Customer is \$ \_\_\_\_\_, paid in seven equal monthly payments.

\_\_\_\_\_ Prepayment of the installation and costs of the equipment in the amount of \$ \_\_\_\_\_ and payment for the term of this Agreement of an annual fixed charge equal to the rate in effect at the time the ESA is signed multiplied by the Investment of the Company, which annual amount for the Customer is \$ \_\_\_\_\_, paid in seven equal monthly payments.

9. The Company shall have the right to transmit electric Energy over any and all extensions of lines used to supply the Customer's service, to other customers who shall apply for service, either by connecting with existing extensions of lines or by erecting and installing new extensions of lines, provided that such service to other customers shall not interfere with the service furnished to the Customer.
10. The rights and obligations of this agreement shall extend to and be binding upon the respective heirs, executors, administrators, successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the parties execute this Agreement effective as of \_\_\_\_\_, 20 \_\_\_\_.

\_\_\_\_\_  
Customer

OTTER TAIL POWER COMPANY

By: \_\_\_\_\_



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**OUTDOOR LIGHTING AND MUNICIPAL SERVICES AGREEMENT**

THIS AGREEMENT is made by and between Otter Tail Power Company (the "Company"), a Minnesota corporation, and \_\_\_\_\_ (the "Customer").

In consideration of the mutual promises contained below, the parties agree as follows:

1. The Customer agrees to purchase and receive from the Company electric Energy in accordance with the terms of this Agreement and all terms and conditions and Rules and Regulations (the "Terms") established by the Company as they now exist or may be hereafter changed, and filed in its approved Tariff with the North Dakota Public Service Commission. These Terms shall include but not be limited to Customer's payment for electrical Energy in accordance with the Company's rate schedule as filed with and approved by the North Dakota Public Service Commission, or such superseding rate(s) as may be approved in the future. A copy of the Rules and Regulations including rate schedules is available from the Company.
2. The Company shall provide and the Customer shall pay for the services specified in this Agreement for a term of one year with an effective date of the term to begin \_\_\_\_\_, and terminating \_\_\_\_\_, and thereafter shall be renewed for periods of one year each, unless written notice to the contrary is given by either party to the other not less than thirty (30) days before the expiration of this agreement or any renewal thereof. This agreement shall automatically terminate in the event the customer discontinues all electric service or has its service disconnected by the Company for any reason. The termination of this agreement for any reason will not relieve Customer of any payments due to the Company for any service provided pursuant to this agreement and the Company's Tariff, or for the full payment of amounts required pursuant to paragraph 15 of this agreement. Customer may not assign this agreement except upon written consent from the Company.
3. If Customer does not receive any one or more of the services described below, indicate by inserting "N/A" as appropriate.

**OUTDOOR LIGHTING**

Work Order No. \_\_\_\_\_  
Electric Rate Sched. No. \_\_\_\_\_  
Rate Code No. \_\_\_\_\_

4. The Customer elects to receive, and the Company shall provide, the following outdoor lighting service at the following location(s) \_\_\_\_\_:

\_\_\_\_\_ Outdoor Lighting - Company-Provided Equipment:

Number of Units	Unit Type	Wattage Rating	Monthly Charge

\_\_\_\_\_ Outdoor Lighting - Energy Only - Non-Metered

Number of Units	Unit Type	Connected kW per Unit	Monthly Charge

\_\_\_\_\_ Outdoor Lighting - Energy Only - Metered

5. If the Customer elects to receive service as Outdoor Lighting - Company-Provided Equipment or Outdoor Lighting - Energy Only - Non-Metered, the number of units or type of unit shall not be changed from that shown in Paragraph 4 above, except by mutual consent of the parties.



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6. The Customer represents that it has provided accurate information to the Company and the Customer is eligible to receive Outdoor Lighting service pursuant to the Electric Rate Schedule(s) and Rate Code(s) identified above.
7. The following service Riders apply to the Customer's service: \_\_\_\_\_. These Riders are also designated by the Rate Schedule(s) and Rate Code(s) identified above.

**MUNICIPAL PUMPING (GOVERNMENTAL ENTITY)**

Work Order No. \_\_\_\_\_  
Electric Rate Sched. No. \_\_\_\_\_  
Rate Code No. \_\_\_\_

8. The Company agrees to furnish, and the Customer agrees to pay for, electric service to operate the pumps for the Customer's present water supply system and present sewage system, and such additions to these systems as may be mutually agreed upon, in accordance with this Agreement and in the Terms.
9. The Customer represents that it has provided accurate information to the Company and the Customer is eligible to receive Municipal Pumping service pursuant to the Electric Rate Schedule(s) and Rate Code(s) identified above.
10. The following service Riders apply to the Customer's service: \_\_\_\_\_. These Riders are also designated by the Rate Schedule(s) and Rate Code(s) identified above.

**FIRE SIRENS (GOVERNMENTAL ENTITY)**

Work Order No. \_\_\_\_\_  
Electric Rate Sched. No. \_\_\_\_\_  
Rate Code No. \_\_\_\_

11. The Company agrees to furnish, and the Customer agrees to pay for, electric service to operate the Customer's fire/warning sirens listed below.
12. The Customer represents that it has provided accurate information to the Company and the Customer is eligible to receive Fire Sirens service pursuant to the Electric Rate Schedule(s) and Rate Code(s) identified above.
13. The following service Riders apply to the Customer's service: \_\_\_\_\_. These Riders are also designated by the Rate Schedule(s) and Rate Code(s) identified above.

Location	Metered Yes	Metered No	Horsepower	Account Number	Billing Amount

**GENERAL PROVISIONS**

14. The Customer agrees that the Company shall not be liable for any losses, damages, or expenses (including but not limited to injury to persons, including death, or property damages) incurred by any persons for any delay, interruption, curtailment, suspension, disturbance or variability in its provision of electric service (including, but not limited to, any occurrence of voltage fluctuations or power surges) due to acts of God, or to any other cause whatsoever except the Company's own gross negligence or willful misconduct. The Company will not be liable for incidental or consequential damages, including, but not limited to, loss of profits resulting from the use of service or any delay, interruption, curtailment, suspension, disturbance or variability of electric service. The Company shall have the right to suspend temporarily the delivery of electric power hereunder for the purpose of making repairs or improvements of its system.



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15. If applicable, the Company shall charge for and Customer shall pay any Excess Expenditures associated with Special Facilities as identified in Section 5.02 of the General Rules and Regulations. The total Excess Expenditures of Special Facilities identified is \$ \_\_\_\_\_.

16. All previous agreements, if any, between the parties covering the subject matter hereof are hereby cancelled and terminated as of the effective date specified in Paragraph 2 of this Agreement, except as specifically provided in this Agreement.

IN WITNESS WHEREOF, the parties execute this Agreement to be effective as of the date stated in Paragraph 2 above.

OTTER TAIL POWER COMPANY

By \_\_\_\_\_

Title \_\_\_\_\_

CUSTOMER

By \_\_\_\_\_

Title: \_\_\_\_\_

C

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**SUMMARY BILLING SERVICE CONTRACT**



**Primary Customer Information**  **[Send master account billing to:]**

Name: \_\_\_\_\_  
Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_

**Customer Authorization**

The undersigned Customer authorizes Otter Tail Power Company ("Company") to provide Summary Billing Service according to the Company's General Rules and Regulations as they now exist or may hereafter be changed and filed in its approved Tariff with North Dakota Public Service Commission. The terms and conditions of Summary Billing Services are described in Section 4.12 of the Company's General Rules and Regulations. A copy of the Rules and Regulations including rate schedules is available from the Company. Customer accounts to be included for Summary Billing Services shall be attached to this contract. The Customer agrees to provide the Company the most recent copy of all bills selected for Summary Billing or to complete a Summary Billing Service Worksheet provided by the Company.

**Changes by Customer**

Request to change Summary Billing Services, including adding or deleting accounts included in a summary bill must be made 45 days before the desired effective date. Requests for change are subject to Company approval.

**Changes by Company**

The Company reserves the right to make changes from time to time in the administration of Summary Billing Services. Company will notify participating customers of any changes to the service provided.

**Termination**

This contract may be terminated by the Customer or the Company with 45 days' written notice. Termination will cause the Company to discontinue the Customer's summary bill, reverting the individual accounts to separate monthly billing with the bills mailed to their individual mailing addresses unless otherwise specified by the Customer in writing at the time of termination.

**Liability**

The Company shall not be liable for any customer costs that may result from actions by the Company pursuant to its approved Tariff, including but not limited to any refusal, delays or failure to provide for summary billing service when requested, for summary bill account charges or for reverting accounts to standard billing and mailing.

**Approval Signatures**

Otter Tail Power Company

Customer Representative  By: \_\_\_\_\_

Title  Title

Date  Date



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SERVICE CLASSIFICATION  
Section 2.02  
Third Revision

## Section 2.02 SERVICE CLASSIFICATION

Rates designated "General Service" are available to any nonresidential Customer who meets the qualifications for the rate. C  
C

A Residential Service rate may be applied only to an individual residence, private apartment, mobile home, fraternity house or sorority house, but including garages and other auxiliary buildings on the premises and used by the Residential Customer for noncommercial use. A residence containing not more than one light housekeeping unit in addition to the principal Residential unit may be classified as a single unit.

Multiple unit structures receiving service through a central meter will be billed as follows:

- 1) Electric service in a single-metered multi-unit Residential building is billed to the landlord/building owner. The landlord/building owner of a single-metered multi-unit Residential building is the bill payer responsible, and is the Customer of record contracting with the Company for service, and the landlord/building owner is required to notify the Company of the existence of a single-metered multi-unit Residential building.
- 2) A landlord/building owner renting space to separate business enterprises in the same building may take service through a single meter at the applicable general service rate, provided service is furnished for occupants of the building as part of the rent. The landlord/building owner of a single-metered multi-unit nonresidential building is the bill payer responsible, and is the Customer of record contracting with the Company for service, and the landlord/building owner is required to notify the Company of the existence of a single-metered multi-unit nonresidential building.
- 3) A Customer occupying a building, on a single Farm, for Residential and nonresidential, or Farm purposes jointly may combine the Customer's Residential and nonresidential or Farm use on the applicable nonresidential or Farm service rate, or the Customer may provide for separate metering and separate circuits for the Residential and nonresidential or Farm portions of his building or Farm, in which case the electricity consumed through each Meter will be billed at the applicable rate.

The Farm Service Rate shall apply to any Customer carrying on normal farming operations regardless whether the Farm is situated inside or outside the corporate limits of any city or village.

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Section 2.02  
Third Revision

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Two or more families living either in the same farmhouse or in separate buildings but all involved in the normal operation of a single Farm may take service through the Farm Meter and billed at the regular Farm rate, subject to the limitations contained in the Farm rate. L

A residence located adjacent to or on a Farm, but not being a part of the Farm operation is considered simply as a residence in a rural area and shall be metered separately and billed at the applicable Residential rate. If such residence is occupied by a family member involved with the operation of the Farm, the dwelling may be classified as either Residential or Farm. Farm classification will allow some or all of the outbuildings to be metered with the residence. If classified as Residential, only those outbuildings associated with Residential usage, such as a garage or storage building, may be metered with the residence. L

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General Rules & Regulations  
**COMBINED METERING**  
**Section 4.14**  
Second Revision

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## Section 4.14 COMBINED METERING

Combined Metering is defined as the addition of multiple service or metering points so that the energy and demand is registered on one meter. This results in coincident demand for these loads, thus treating it as one larger load for billing one rate. To qualify for Combined Metering a Customer must take full requirements service from the Company and must be served at a premises consisting of contiguous property with the same occupant and each service entrance to be combined must have a minimum entrance rating of 750 kVa (750 kVA entrance at various voltages which is equivalent to: 900 amps @ 277/480; 1800 amps @ 120/240 delta; 2100 amps @ 120/208 wye). Combined Metering can be accomplished with hardware or software totalizers or by installing primary metering. The Company will, in its sole discretion, reasonably determine whether to use primary metering or totalizing for any particular Customer that qualifies for Combined Metering.

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North Dakota, General Rules & Regulations  
ELECTRIC RATE SCHEDULE  
General Rules & Regulations  
EXTENSION RULES AND MINIMUM REVENUE GUARANTEE  
Section 5.01  
Third Revision

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## STANDARD INSTALLATION AND EXTENSION RULES

### SECTION 5.01 EXTENSION RULES AND MINIMUM REVENUE GUARANTEE

The Company will, at its own expense, extend, enlarge, or change its Distribution or other facilities for supplying electric service when the anticipated revenue from the sale of additional service at the location justifies the expenditure. If it reasonably appears to the Company that the expenditure may not be justified based on a three-year projection of revenue received from the Customer's applicable rate schedule(s) under which the Customer is taking service, except for sales tax, franchise fees and other governmental charges collected by the Company on behalf of governmental authorities, the Company may require the Customer to sign an Electric Service Agreement guaranteeing a minimum payment of no less than three years use of electric service. If the Company has reason to question whether the Customer will maintain adequate creditworthiness, cease taking full requirements from the Company, or for any other reason may fail to make payments for service, including the service extension charges, the Company may require the Customer to pay in advance, or require any additional conditions of service that are reasonably necessary to protect the Company and its customers.

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The Company shall provide to the Customer an estimate with detail of the costs prior to construction.

If at the point of true-up at the end of the initial three-year contract period of service, the Customer uses and pays for more than the specified guaranteed minimum amount of electric service, which the Customer contracted to purchase, any advance that may have been made in excess of the guaranteed minimum amount when calculated based on actual usage will be refunded to the Customer together with interest at the rate provided for Customer deposits under North Dakota Public Service Commission Standard of Service 69-09-02-04. However, if the Customer uses less than the guaranteed minimum, the amount of the deficiency will be billed to the Customer, and/or will be deducted from the Customer's advance payment, and the balance of the advance payment, if any, will be refunded to the Customer with interest on the balance.

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**SPECIAL FACILITIES**  
**Section 5.02**  
Second Revision

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## Section 5.02 SPECIAL FACILITIES

For the purposes of Section 5.02, the following definitions apply:

"Distribution Facilities" are defined as all primary and secondary voltage wires, poles, insulators, transformers, fixtures, cables, trenches, and other associated accessories and equipment, including substation equipment, rated below 41.6 kV, whose express function and purpose is for the Distribution of electrical power from the Company's Distribution substation directly to Customers. Distribution Facilities exclude all facilities used primarily for the purpose of transferring electricity from a Generator to a substation and/or from one substation to another substation. As such, Distribution Facilities serve only Customers on the primary and secondary rates of the Company.

"Transmission Facilities" are defined as all poles, towers, wires, insulators, transformers, fixtures, cables, and other associated structures, accessories and equipment, including substation equipment, rated equal to or greater than 41.6 kV, whose express function and purpose is the transmission of electricity from a Generator to a substation or substations, and from one substation to another.

"Standard Facilities" are those facilities whose design or location constitutes the reasonable and prudent, least-cost alternative that is consistent with the existing electric system configuration, will meet the needs of the Company's Customers, and will maintain system Reliability and performance under the circumstances. In determining the design or location of a "Standard Facility," the Company shall use good utility practices and evaluate all of the circumstances surrounding the proposal, including 1) public and employee safety in the installation, operation and maintenance of the facility; 2) compliance with applicable engineering standards, codes, electric utility norms and standards; 3) electric system Reliability requirements; 4) the presence, age, condition and configuration of existing facilities in the affected area; 5) the presence and size of existing right-of-way in the affected area; 6) existing topography, soil, spacing, and any environmental limitations in the specific area; 7) existing and reasonably projected development in the affected area; 8) installation, maintenance, useful life and replacement cost factors; and 9) other relevant factors under the particular circumstances.

"Special Facilities" are non-Standard Facilities or the non-standard design or location of facilities. Common examples of Special Facilities include duplicate service facilities, special switching equipment, special service voltage, three-phase service where single-phase service is determined by the Company to be adequate, excess Capacity, Capacity for intermittent equipment, trailer park Distribution systems, underground installations, conversion from



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overhead to underground service, specific area or other special undergrounding, and location and relocation or replacement of existing Company facilities. Payments required will be made on a nonrefundable basis and may be required in advance of construction unless other arrangements are agreed to in writing with the Company. The facilities installed by the Company are the property of the Company. Any payment by a requesting or ordering party will not change the Company's ownership interest or rights. Payment for Special Facilities may be required by either, or a combination, of the following methods as prescribed by the Company: a single charge for the costs incurred or to be incurred by the Company due to such a special installation, or a monthly charge being one-twelfth of the Company's annual fixed costs necessary to provide such special installation. The charge for Special Facilities will be computed from a formula rate template using inputs from FERC Form 1 with the following expense components; operation and maintenance expense, general and common depreciation expense, taxes other than income tax, and distribution depreciation expense. The return component will contain income taxes and return on rate base. The monthly charge will be discontinued if the Special Facilities are removed or if the requester eventually qualifies for the originally requested Special Facilities as Standard Facilities. The charge for Special Facilities will be calculated annually and applied to any Electric Service Agreement (ESA) entered into while that rate is in effect and applicable for the life of the ESA. This section will apply unless the company and customer have expressly agreed to different charges in an ESA approved by the Commission.

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"Excess Expenditures" is defined as the total reasonable incremental cost above that of Standard Facilities, for construction and operation of Special Facilities, including: the value of the undepreciated life of existing facilities being removed and removal costs less salvage; the fully allocated incremental labor costs for design, surveying, engineering, construction, administration, operations, or any other activity associated with the project; the incremental easement or other land costs incurred by the Company; the incremental costs of immediately required changes to associated electric facilities, including backup facilities, to ensure Reliability, structural integrity and operational integrity of the electric system; the incremental taxes associated with requested or ordered Special Facilities; the incremental cost represented by accelerated replacement cost if the Special Facility has a materially shorter life expectancy than the standard installation; the incremental material cost for all items associated with the construction, less salvage value of removed facilities; and any other prudent costs incurred by the Company directly related to the applicable Special Facilities.

When the Company is requested by a Customer, group of Customers, developer, City, or Municipality to provide types of service that result in expenditures in excess of Company designated Standard Facility installation, the requesting Customer, group of Customers, developer, City, or Municipality is responsible for the Excess Expenditures, unless otherwise required by applicable law, rule or regulation.

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When requested, the Company will evaluate the circumstances and determine the Standard Facilities that would be appropriate to the particular situation and determine what, if any, Excess Expenditures are associated with a Customer request or Customer requirement for Special Facilities.

Subject to the requirements of applicable laws, rules and regulations, and subject to the Company's previously scheduled or emergency work, the Company will initially install Special Facilities (including, but not limited to, lighting facilities other than those described in a rate ride), or will replace, modify or relocate to a Company-approved location or route its existing Distribution Facilities or Transmission Facilities 1) upon the request of a Customer, a group of Customers, developer, or upon request or lawful order of a City or Municipality if the Company determines the requested or ordered Special Facilities will not adversely affect the Reliability, structural integrity, ability to efficiently expand Capacity or operational integrity of the Company's Distribution Facilities or Transmission Facilities; and 2) the requesting or ordering Customer, group of Customers, developer, City, or Municipality arranges for payment of the Excess Expenditures, or a requesting or ordering City elects that the Excess Expenditures for undergrounding of Distribution Facilities be recovered by surcharge.

#### *Special Facilities in Public Right-Of-Way*

Whenever a Municipality as a governing body of public right-of-way orders or requests the Company to replace, modify or relocate its existing Distribution Facilities or Transmission Facilities located by permit in the public right-of-way to the extent necessary to avoid interference with construction on the public right-of-way, such facilities will be replaced, modified or relocated at the Company's expense, provided the construction is the Standard Facilities installation designated by the Company.

If the Municipality requests or orders a facility other than the Standard Facilities, the Company will provide the Municipality notification of the Excess Expenditures to be incurred for Special Facilities, compared to Standard Facilities. If the Municipality requests or orders a type of construction with costs in excess of Company designated Standard Facilities construction, the Company shall be entitled to recovery of the Excess Expenditures as provided in this section.

Except in emergencies, the Company has no obligation to commence initial construction of new Special Facilities, or to commence construction for replacement, modification, reconstruction or relocation of existing facilities, until the Company receives a permit or other written authorization from the Municipality (or its designee) having jurisdiction over use of the applicable public right-of-way, authorizing the construction at a Company-approved reasonable location within the public right-of-way or at a location established by lawful order of the Municipality.

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The Company reserves the right to require an order from a City or Municipality if the Company determines the requested Special Facilities constitute an improvement primarily for the benefit of a landowner or other group and only an incidental benefit to public use of the right-of-way. The Company also reserves the right to challenge the lawfulness of a Municipality's order.

*Underground Facilities Requirements*

The following provisions apply when replacing overhead facilities with underground facilities:

When required, the Customer at Customer's expense must engage an electrician to adapt the Customer's electrical facilities to accept service from the Company underground facilities.

The Company will allow reasonable time for the Customer to make the necessary alterations to the facilities before removal of the existing overhead facilities. The Customer, group of Customers, developer or Municipality must provide the Company reasonable notice of the undergrounding request so Company may efficiently plan and install such facilities.

Perpetual easements will be granted to the Company at no cost to the Company whenever any portion of the underground Distribution system is located on private land. These easements also will grant the Company access for inspection, maintenance, and repair of Company facilities.

The Company must receive, by franchise or permit, full access to its facilities installed underground for the purpose of inspection, maintenance, and repair of such facilities, such right of access to include the right to open public ways.

A Municipality will give sufficient notice and will allow the Company sufficient time to place its facilities beneath public ways while the same are torn up for resurfacing. A Municipality shall provide the Company with access to the torn up public ways during such period so that the Company will have unobstructed use of sufficiently large sections of the public ways to allow installation of the underground facilities in an economic manner.

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The Customer shall install, own and maintain the necessary conduits and Secondary Service conductors to a point of common connection designated by the Company for secondary voltage service supplied from an underground Distribution lateral. A point of common connection can be the secondary compartment of the transformer, a current transformer cabinet, a self-contained Meter socket, or other type of Company-approved junction box. The Company will make final connection of the Customer's Secondary Service conductors to the Company's facilities.

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Secondary voltage service supplied from underground secondary service conductors requires that the Customer install, own, or maintain necessary conduits on private property to a point designated by the Company. Secondary service conductors usually will be installed by the Customer in the Customer's conduit, however, in some installations it may be preferred to have the Company provide a continuous installation from Company facilities through the Customer conduit to the Customer's service equipment. In these installations the Customer must pay the total installed cost of the Company's cable installed on private property. The Company will make the final connection of the Customer's secondary service conductors to the Company's facilities.

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#### *Special Facilities Payments*

Where the requesting or ordering Customer is required to prepay or agrees to prepay or arrange payment for Special Facilities, the requesting or ordering Customer shall execute an agreement or service form pertaining to the installation, operation and maintenance, and payment for the Special Facilities.

Payments required will be made on a non-refundable basis and may be required in advance of construction unless other arrangements are agreed to in writing with the Company. The facilities installed by the Company shall be the property of the Company. Any payment by a requesting party shall not change the Company's ownership interest or rights.

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Charges for Special Facilities shall be an annual fixed charge of the costs associated with the Excess Expenditures, billed in 12 equal monthly installments, unless another period is specified in the applicable rate schedule or Commission-approved ESA.

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Alternatively, the Customer may prepay the Excess Expenditures amount and then, in lieu of the calculated charge for Special Facilities, pay an annual fixed charge for the recovery of operations and maintenance expenses related to the Excess Expenditures amount, billed in 12 equal monthly installments. The operations and maintenance expense rate is a subcomponent of the Special Facilities charge described herein.

The monthly charge shall be discontinued if the Special Facilities are removed or if the Special Facilities eventually qualify as Standard Facilities.

The Company shall provide to the Customer an estimate with detail of the costs prior to construction.

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## GLOSSARY AND SYMBOLS

### Section 8.01 GLOSSARY

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

**Account** – The Customer-specific identifier for tracking the service the Company provides through a Meter(s) or other measuring device at a specific Customer service location. One Customer may have several Accounts with the Company.

**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.

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

**N CT Metering** – A watthour 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.



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**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.

**Distribution Facilities** – Company facilities as defined in Section 5.02 of these General Rules and Regulations.

**Energy** – Customer's electric consumption requirement measured in Kilowatt-hours (kWh).

**Energy Charge** – The amount on Customer billings reflecting the actual Energy used over the billing period.

**Excess Expenditure** – Certain costs incurred by Company in the construction of Special Facilities, as defined in Section 5.02 of these General Rules and Regulations.

**Facilities Charge** – An amount to be paid by the Customer in a fixed monthly amount for Distribution Facilities sized on the basis of the Customer's design (rather than metered) Demand. The charge may include operation and maintenance as capital costs.

**Farm** – A Customer classification where ordinary farming operations of a Commercial scale are conducted from which Customer derives income.

**L Full-requirements Customer** – A customer who obtains all of its electric requirements from the Company, and does not have on-site generation or battery, except for emergency standby generators.

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**Generator** – A general name given to a machine for transforming mechanical Energy into electrical Energy.

**Government Unit** – A city, town, county, or other local unit of government with jurisdiction over the use of the public rights of way or other public areas.

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**Kilovolt (kV)** – A unit of pressure equal to one thousand volts.

**Kilowatt (kW)** – A unit of electrical power equal to one thousand watts. Electric power is usually expressed in Kilowatts. A watt = volts times amps times power factor. One watt = 1/746 Horsepower and a Kilowatt = 1,000 watts or 1.34 Horsepower.

**C Kilowatt-hour** – A Kilowatt-hour (kWh) is the standard unit of measure for electricity for which most Customers are charged in cents per Kilowatt-hour. One Kilowatt-hour is equal to 1,000 watt-hours. The total number of Kilowatt-hours charged to your bill is determined by your electricity use. For example, if you used a 100-watt light bulb for 10 hours, you would be billed for one Kilowatt-hour (100-watts x 10 hours = 1,000 watt-hours).



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**Megawatt (MW)** – A unit of electrical power equal to one million watts.

**Meter** – An electric indicating instrument used to measure Kilowatts and or Demand.

**Meter Multiplier** – A meter multiplier is needed for billing Energy and Demand when the actual amount of Energy and Demand used is too large to be registered. Therefore the Meter displays only a fraction of the actual Energy and Demand used. A Multiplier is then applied to the difference between the present and previous reads to determine the Customer's actual Energy and Demand use. Residential service applications typically have a Multiplier of 1. Some Commercial type applications may have a Multiplier greater than one in order to properly measure the Customer's actual Energy and Demand use.

**Midwest Independent System Operator (MISO)** – An independent third party operating in the Midwest states and formed to operate the transmission system in a way that provides fair access for all electricity suppliers. The ISO maintains instantaneous balance of the Grid system by controlling the dispatch of flexible plants to ensure that loads match resources available to the system. It is regulated by the Federal Energy Regulatory Commission (FERC).

**Municipality** – A city, town, or other local unit of government with jurisdiction over the use of the public rights of way or other public areas.

**Non-Standby Service Customer** – A Customer who a) does not request and receive approval of Standby Services from the Company or, b) is exempt from paying any standby charges as allowed by law or Commission Order or, c) in lieu of service under this tariff, may provide Physical Assurance, or d) will take service from any of the Company's other approved base tariffs.

**North Dakota Public Service Commission (NDPSC)** – The regulating entity operated by the State of North Dakota that oversees the operations of investor- owned electric utilities such as Otter Tail Power Company.

**Partial-requirements Customer** – A Customer who obtains any portion of its electric requirements from installed on-site, non-emergency electric generating capacity or battery and relies on the Company for additional electrical services.

**Reactive Demand** – A term used in the calculation of power factor defined as the relationship between the total power (kVA) and the real power (kW) for loads such as motors that require magnetizing current to operate.



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<b>Reliability</b> – The providing of adequate and dependable generation, Transmission and Distribution service. Electric system Reliability has two components – adequacy and security. Adequacy is the ability of the electric system to supply the aggregate electrical Demand and Energy requirements of Customers at all times, taking into account scheduled and unscheduled outages of system facilities. Security is the ability of the electric system to withstand sudden disturbances such as electric short circuits or unanticipated loss of system facilities.	L	<b>Special Facilities</b> – Company provided facilities as defined in Section 5.02 of these General Rules and Regulations.	L
<b>Residential</b> – An Energy consumer consisting of a single private household, but not necessarily a single-family dwelling.	L	<b>Standard Facilities</b> – Company provided facilities as defined in Section 5.02 of these General Rules and Regulations.	L
<b>Seasonal Customer</b> – A Customer who receives utility service periodically each year, intermittently during the year, or at other irregular intervals.	L	<b>Standby Service Customer</b> – a Customer who receives the following services from the Company, Section 11.01; backup power for non-Company generation, supplemental power, and scheduled maintenance power. These services are not applicable for resale, municipal outdoor lighting, or Customers with emergency standby Generators.	N
<b>Self-Contained Metering</b> – A watthour meter which has sufficient current-carrying Capacity to meet the specific Demand for which it is designed without the need for a current transformer. Used to measure current up to 400 amperes.	LC	<b>Summer Season or Summer</b> – The period of time beginning June 1 and ending September 30.	L
<b>Single-phase</b> – An alternating current circuit in which only one phase of current is available in a two-conductor or three-conductor system.	N	<b>System Marginal Energy Price</b> – Company's hourly system Incremental Energy cost plus applicable losses, transmission, and a profit margin.	L
<b>Tariff (Tariff Schedules)</b> – A document filed with the regulatory authority(s) specifying lawful rates, charges, rules and conditions under which the Company provides service to the public	N	<b>Tariff (Tariff Schedules)</b> – A document filed with the regulatory authority(s) specifying lawful rates, charges, rules and conditions under which the Company provides service to the public	N
<b>Space Conditioning Loads</b> – Electrical processes used to condition air or water, such as heating, cooling, dehumidifying, or humidifying.	L	<b>Three-phase</b> – A term applied to circuits carrying three voltages 120 degrees apart in phase.	N



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<b>Total Coincident Demand</b> – The sum of two or more Demands that occur in the same Demand Interval as determined by Company.	L	<b>Transmission Service</b> – The reservation and transmission of Capacity and Energy on either a firm or non-firm basis.	L
<b>Transmission Facilities</b> – Company provided facilities as defined in Section 5.02 of these General Rules and Regulations.	L	<b>Winter Season or Winter</b> – The period of time beginning October 1 and ending May 31.	L



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ELECTRIC RATE SCHEDULE  
Residential Service  
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Twentieth Revision

## RESIDENTIAL SERVICE

DESCRIPTION	RATE CODE
Residential Service	N101

**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.

### RATE:

RESIDENTIAL SERVICE			
<b>Customer Charge per Month:</b>	\$17.00	R	
<b>Monthly Minimum Bill:</b>	Customer + Facilities Charge	N	
<b>Facilities Charge per Month:</b>	\$ 3.50	NR	
<b>Energy Charge per kWh:</b>	Summer 7.702 ¢/kWh	Winter 8.743 ¢/kWh	R

**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. C

2. Seasonal Customers will be billed at the same rate as year-around Customers, except as follows: C

Each seasonal Customer will be billed a one-time seasonal fixed charge of \$68.00 in addition to the rate provided above. The fixed charge will be included on the first bill rendered for each season. R

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. C

**DETERMINATION OF FACILITIES CHARGE:** An amount to be paid by the Customer in a fixed monthly amount for distribution facilities. N  
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Residential Demand Control Service  
(RDC)  
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**RESIDENTIAL DEMAND CONTROL SERVICE**  
(Commonly identified as RDC)

DESCRIPTION	RATE CODE
Residential Demand Control	N241

**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.

**RATE:**

RESIDENTIAL DEMAND CONTROL SERVICE			
Customer Charge per Month:	\$21.00	R	
Monthly Minimum Bill:	Customer + Facilities + Demand Charge	N	
Facilities Charge per Month:	\$7.00	NR	
Energy Charge per kWh:	Summer 7.702 ¢/kWh	Winter 5.106 ¢/kWh	R
Demand Charge per kW:	Summer \$0.00 /kW	Winter \$11.00 /kW	R

**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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North Dakota, Section 9.02  
ELECTRIC RATE SCHEDULE  
Residential Demand Control Service  
(RDC)  
Page 2 of 2  
Twelfth Revision

**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

**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.

**DETERMINATION OF FACILITIES CHARGE:** An amount to be paid by the Customer in a fixed monthly amount for distribution facilities. N  
N

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NORTH DAKOTA PUBLIC  
SERVICE COMMISSION  
Case No. PU-23-  
Approved by order dated

EFFECTIVE with bills rendered on  
and after , in North Dakota

APPROVED: Bruce G. Gerhardson  
Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 9.03  
ELECTRIC RATE SCHEDULE  
Farm Service  
Page 1 of 2  
Twentieth Revision

## FARM SERVICE

DESCRIPTION	RATE CODE
Farm Service	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:	\$22.00	R
Monthly Minimum Bill:	Customer + Facilities Charge	
Facilities Charge per Month:		
Single Phase	\$20.00	R
Three Phase	\$40.00	R
Energy Charge per kWh:	Summer 6.361 ¢/kWh	Winter 7.221 ¢/kWh

**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.

NORTH DAKOTA PUBLIC  
SERVICE COMMISSION  
Case No. PU-23-  
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EFFECTIVE with bills rendered on  
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APPROVED: Bruce G. Gerhardson  
Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 9.03  
ELECTRIC RATE SCHEDULE  
Farm Service  
Page 2 of 2  
Original

**DETERMINATION OF FACILITIES CHARGE:** An amount to be paid by the Customer in a fixed monthly amount for distribution facilities sized on the basis of the Customer's design (rather than metered) demand.

N  
N  
N

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NORTH DAKOTA PUBLIC  
SERVICE COMMISSION  
Case No. PU-23-  
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and after , in North Dakota.

APPROVED: Bruce G. Gerhardson  
Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 10.01  
ELECTRIC RATE SCHEDULE  
Small General Service – Under 20 kW  
Page 1 of 2  
Fourth Revision

## 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

**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 Energy for resale, nor for dusk to dawn or 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:	\$24.90		\$24.90	
Monthly Minimum Bill:	Customer + Facilities Charge		Customer + Facilities Charge	
Facilities Charge per Month:	\$12.00		\$12.00	
Energy Charge per kWh:	Summer 7.117 ¢/kWh	Winter 8.079 ¢/kWh	Summer 6.918 ¢/kWh	Winter 7.912 ¢/kWh

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NON-METERED SERVICE - SECONDARY SERVICE ONLY			
***CLOSED TO NEW INSTALLATIONS***			
Energy Charge per kWh:	Summer		Winter
All kWh	6.681 ¢/kWh		6.681 ¢/kWh

**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.

NORTH DAKOTA PUBLIC  
SERVICE COMMISSION  
Case No. PU-23-  
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and after , in North Dakota.  
APPROVED: Bruce G. Gerhardson  
Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 10.01  
ELECTRIC RATE SCHEDULE  
Small General Service – Under 20 kW  
Page 2 of 2  
Third Revision

## **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. If the Customer achieves an actual Demand of 20 kW or greater for the 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.

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**DETERMINATION OF FACILITIES CHARGE:** An amount to be paid by the Customer in a fixed monthly amount for distribution facilities sized on the basis of the Customer's design (rather than metered) Demand.

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**NON-METERED SERVICE:** For applications where no metering is installed and the 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.

NORTH DAKOTA PUBLIC  
SERVICE COMMISSION  
Case No. PU-23-  
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APPROVED: Bruce G. Gerhardson  
Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 10.02  
ELECTRIC RATE SCHEDULE  
General Service – 20 kW or Greater  
Page 1 of 2  
Twentieth Revision

**GENERAL SERVICE**  
20 kW or greater and less than 200 kW

N

DESCRIPTION	RATE CODE
General Service – Secondary Service - CLOSED TO NEW CUSTOMERS	N401
General Service – Primary Service - CLOSED TO NEW CUSTOMERS	N403
General Service – Secondary Service (20 kW up to 200 kW)	N411
General Service – Primary Service (20 kW up to 200 kW)	N413

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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 Three-phase Residential Customers, and both single and three-phase nonresidential Customers, with a measured Demand of at least 20 kW and less than 200 kW as further described in Terms and Conditions. This schedule is not applicable for Energy for resale, nor for dusk to dawn municipal outdoor lighting. Emergency and supplementary/standby service will be supplied only as allowed by law.

C

**RATE:**

SECONDARY SERVICE		PRIMARY SERVICE	
Customer Charge per Month:	\$54.00		\$36.00
Monthly Minimum Bill:	Customer + Facilities Charge		Customer + Facilities Charge
Facilities Charge per Month per annual max. kW: (minimum 20 kW)	\$2.12/kW		\$1.42/kW
Energy Charge per kWh:	Summer 5.259 ¢/kWh	Winter 5.934 ¢/kWh	Summer 5.131 ¢/kWh
			Winter 5.757 ¢/kWh
Demand Charge per kW: (minimum 20 kW)	Summer \$2.24 /kW	Winter \$2.75 /kW	Summer \$2.15 /kW
			Winter \$2.62 /kW

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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 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.

**TERMS AND CONDITIONS:**

1. A Customer with a Billing Demand of less than 20 kW for 12 consecutive months will be required to take service under the Small General Service schedule (Section 10.01). C
2. The Customer may remain on this schedule as long as the Customer's maximum monthly Billing Demand does not meet or exceed 200 kW for more than two of the most recent 12 months. If the Customer achieves an actual Billing Demand of 200 kW or greater for the third time in the most recent 12 months, the Customer will be placed on the Large General Service schedule (Section 10.04) in the next billing month. The Customer is also eligible for service on the Large General Service Time of Day (Section 10.05) but must direct the company to their applicable rate option. N
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6. N
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12. N

**DETERMINATION OF METERED DEMAND:** The maximum kW as measured by a Demand Meter for any period of 15 consecutive minutes during the month for which the bill is rendered.

**ADJUSTMENT FOR EXCESS REACTIVE DEMAND:** For billing purposes, the Metered Demand shall be increased by 1 kW for each whole 10 kVar of measured Reactive Demand in excess of 50% of the Metered Demand in kW.

**DETERMINATION OF BILLING DEMAND:** The Billing Demand shall be the greater of 20 kW or the Metered Demand adjusted for Excess Reactive Demand.

**DETERMINATION OF FACILITIES CHARGE:** The Facilities Charge Demand will be based on the greater of 1) 20kW or 2) the largest of the most recent 12 monthly Billing Demands.



Fergus Falls, Minnesota

North Dakota, Section 10.03  
ELECTRIC RATE SCHEDULE  
General Service – Time of Use  
Page 1 of 3  
Sixteenth Revision

**GENERAL SERVICE – TIME OF USE**  
20 kW or greater and less than 200 kW

N

DESCRIPTION	RATE CODE
General Service – Time of Use-CLOSED TO NEW CUSTOMERS	N708
General Service – Time of Use (20 kW to 200 kW)	N718

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N

**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 one Meter providing electrical service, with a measured Demand of at least 20 kW and less than 200 kW as further described in Terms and Conditions.

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**RATE:**

GENERAL SERVICE – TIME OF USE		
<b>Customer Charge per Month:</b>		\$219.00
<b>Monthly Minimum Bill:</b>		Customer + Facilities Charge
<b>Facilities Charge per Month per annual max. kW: (minimum 20 kW)</b>		\$2.12 /kW
<b>Energy Charge per kWh:</b>	<b>Summer</b>	<b>Winter</b>
<b>Declared-Peak</b>	19.539 ¢/kWh	23.215 ¢/kWh
<b>Intermediate</b>	3.996 ¢/kWh	4.012 ¢/kWh
<b>Off-Peak</b>	2.607 ¢/kWh	3.452 ¢/kWh
<b>Demand Charge per kW: (minimum 20 kW)</b>		
<b>Declared-Peak</b>	\$0.00 /kW	\$0.00 /kW
<b>Intermediate</b>	\$2.57 /kW	\$6.18 /kW
<b>Off-Peak</b>	\$0.00 /kW	\$0.00 /kW

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NORTH DAKOTA PUBLIC  
SERVICE COMMISSION  
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Approved by order dated

EFFECTIVE with bills rendered on  
and after , in North Dakota

APPROVED: Bruce G. Gerhardson  
Vice President, Regulatory Affairs

## **TERMS AND CONDITIONS:**

1. 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). <span style="float: right;">C</span>	
2. The Customer may remain on this schedule as long as the Customer's maximum monthly Billing Demand does not meet or exceed 200 kW for more than two of the most recent 12 months. If the Customer achieves an actual Billing Demand of 200 kW or greater for the third time in the most recent 12 months, the Customer will be placed on the Large General Service schedule (Section 10.04) in the next billing month. The Customer is also eligible for service on the Large General Service Time of Day (Section 10.05) but must direct the company to their applicable rate option. <span style="float: right;">N</span>	

**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 matrices of riders.

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

WINTER SEASON OCTOBER 1 THROUGH MAY 31

Declared-Peak: For all kW and kWh used during the hours declared (see Declared-Peak Notification)

Intermediate: For all kW and kWh used during the hours other than Declared-Peak and Off-Peak

Off-Peak: For all kW and kWh used Monday through Friday between hours 9:00 p.m. to 6:00 a.m. and all weekend hours. C

SUMMER SEASON - JUNE 1 THROUGH SEPTEMBER 30

Declared-Peak: For all kW and kWh used during the hours declared (see Declared-Peak Notification)

Intermediate: For all kW and kWh used during the hours other than Declared-Peak and Off-Peak

Off-Peak: For all kW and kWh used Monday through Friday between hours 9:00 p.m. to 11:00 a.m. and on weekends between hours 7:00 p.m. to 1:00 p.m. C



Fergus Falls, Minnesota

North Dakota, Section 10.04  
ELECTRIC RATE SCHEDULE  
Large General Service  
Page 1 of 3  
Third Revision

## LARGE GENERAL SERVICE

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

**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 who meet the Terms and Conditions. This schedule is not applicable for Energy for resale, nor for dusk to dawn or municipal outdoor lighting. Emergency and supplementary/standby services will be supplied only as allowed by law.

C

### RATE:

SECONDARY SERVICE		
<b>Customer Charge per Month:</b>		\$215.90
<b>Monthly Minimum Bill:</b>		Customer + Facilities + Demand Charge
<b>Facilities Charge per Month per annual max. kW: (minimum 80kW)</b>		
< 1000 kW:		\$0.75 /kW
>= 1000 kW:		\$0.52 /kW
<b>Energy Charge per kWh:</b>	Summer	Winter
	3.045 ¢/kWh	4.042 ¢/kWh
<b>Demand Charge per kW/month: (minimum 80 kW)</b>	Summer	Winter
	\$10.75 /kW	\$13.22 /kW

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NORTH DAKOTA PUBLIC  
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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 10.04  
ELECTRIC RATE SCHEDULE  
Large General Service  
Page 2 of 3  
Fourth Revision

<b>PRIMARY SERVICE</b>						
<b>Customer Charge per Month:</b>	\$282.00					
<b>Monthly Minimum Bill:</b>	Customer + Facilities + Demand Charge					
<b>Facilities Charge per Month per annual max. kW: (minimum 80kW)</b>						
All kW:	\$0.52 /kW	R				
<b>Energy Charge per kWh:</b>	<table><tr><td style="text-align: right;">Summer</td><td style="text-align: right;">Winter</td></tr><tr><td>2.971 ¢/kWh</td><td>3.333 ¢/kWh</td></tr></table>	Summer	Winter	2.971 ¢/kWh	3.333 ¢/kWh	R
Summer	Winter					
2.971 ¢/kWh	3.333 ¢/kWh					
<b>Demand Charge per kW/month: (minimum 80 kW)</b>	<table><tr><td style="text-align: right;">\$10.31 /kW</td><td style="text-align: right;">\$12.57 /kW</td></tr></table>	\$10.31 /kW	\$12.57 /kW	CR		
\$10.31 /kW	\$12.57 /kW					

<b>TRANSMISSION SERVICE</b>						
<b>Customer Charge per Month:</b>	\$282.00					
<b>Monthly Minimum Bill:</b>	Customer + Facilities + Demand Charge					
<b>Facilities Charge per Month per annual max. kW: (minimum 80kW)</b>						
All kW:	\$0.00 /kW	R				
<b>Energy Charge per kWh:</b>	<table><tr><td style="text-align: right;">Summer</td><td style="text-align: right;">Winter</td></tr><tr><td>2.901 ¢/kWh</td><td>3.237 ¢/kWh</td></tr></table>	Summer	Winter	2.901 ¢/kWh	3.237 ¢/kWh	
Summer	Winter					
2.901 ¢/kWh	3.237 ¢/kWh					
<b>Demand Charge per kW/month: (minimum 80 kW)</b>	<table><tr><td style="text-align: right;">\$9.54 /kW</td><td style="text-align: right;">\$6.68 /kW</td></tr></table>	\$9.54 /kW	\$6.68 /kW	CR		
\$9.54 /kW	\$6.68 /kW					

**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.



Fergus Falls, Minnesota

North Dakota, Section 10.04  
ELECTRIC RATE SCHEDULE  
Large General Service  
Page 3 of 3  
Fourth Revision

**DEFINITION OF SEASONS:**

Summer: June 1 through September 30.

Winter: October 1 through May 31.

**TERMS AND CONDITIONS:**

1. A Customer with a Billing Demand of greater than 200 kW for 12 consecutive months will be required to take service under the Large General Service (Section 10.04) or Large General Service schedule – Time of Day (Section 10.05). <span style="float: right;">N</span>	<span style="float: right;">N</span>
2. The Customer must remain on this schedule if its maximum monthly Billing Demand meets or exceeds 200 kW for more than two of the most recent 12 months. Customers on this schedule whose maximum monthly Billing Demand are less than 200 kW for less than 10 of the most recent 12 months, may take service on Section 10.02 or 10.03. If the Customer meets the criteria to take service on Section 10.02 or 10.03, they must direct the Company to the applicable rate schedule. <span style="float: right;">N</span>	<span style="float: right;">N</span>
	<span style="float: right;">N</span>

**DETERMINATION OF METERED DEMAND:** The maximum kW as measured by a Demand Meter for any period of 15 consecutive minutes during the month for which the bill is rendered.

**DETERMINATION OF FACILITIES CHARGE:** The Facilities Charge Demand will be based on the greater of 1) 80 kW or 2) the largest of the most recent 12 monthly Billing Demands.

**DETERMINATION OF BILLING DEMAND:** The Billing Demand shall be the greater of 80 kW or the Metered Demand adjusted for Excess Reactive Demand.

**ADJUSTMENT FOR EXCESS REACTIVE DEMAND:** For billing purposes, the Metered Demand shall be increased by 1 kW for each whole 10 kVar of measured Reactive Demand in excess of 50% of the Metered Demand in kW.



Fergus Falls, Minnesota

North Dakota, Section 10.05  
ELECTRIC RATE SCHEDULE  
Large General Service – Time of Day  
Page 1 of 5  
Fifth Revision

## LARGE GENERAL SERVICE - TIME OF DAY

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

**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, who meet the Terms and Conditions. C

### RATE:

SECONDARY SERVICE		
<b>Customer Charge per Month:</b>		\$215.90
<b>Monthly Minimum Bill:</b>		Customer + Facilities + Demand Charge
<b>Facilities Charge per Month per annual maximum kW: (minimum 80 kW)</b>		
< 1000 kW:		\$0.76 /kW
>= 1000 kW:		\$0.57 /kW
<b>Energy Charge per kWh:</b>	Summer	Winter
On-Peak	4.847 ¢/kWh	4.348 ¢/kWh
Mid-Peak	3.948 ¢/kWh	3.964 ¢/kWh
Off-Peak	2.576 ¢/kWh	3.411 ¢/kWh
<b>Demand Charge per kW/month: (minimum 80 kW)</b>	Summer	Winter
On-Peak	\$7.67 /kW	\$5.81 /kW
Mid-Peak	\$3.08 /kW	\$7.41 /kW
Off-Peak	\$0.00 /kW	\$0.00 /kW

NORTH DAKOTA PUBLIC  
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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 10.05  
ELECTRIC RATE SCHEDULE  
Large General Service – Time of Day  
Page 2 of 5  
Fifth Revision

<b>PRIMARY SERVICE</b>		
<b>Customer Charge per Month:</b>	\$282.00	
<b>Monthly Minimum Bill:</b>	Customer + Facilities + Demand Charge	
<b>Facilities Charge per Month per annual maximum kW: (minimum 80 kW)</b>	\$0.48 /kW	
<b>Energy Charge per kWh:</b>	Summer	Winter
On-Peak	4.717 ¢/kWh	4.207 ¢/kWh
Mid-Peak	3.852 ¢/kWh	3.844 ¢/kWh
Off-Peak	2.517 ¢/kWh	3.312 ¢/kWh
<b>Demand Charge per kW/month: (minimum 80 kW)</b>	Summer	Winter
On-Peak	\$7.36 /kW	\$5.53 /kW
Mid-Peak	\$2.96 /kW	\$7.04 /kW
Off-Peak	\$0.00 /kW	\$0.00 /kW
<b>TRANSMISSION SERVICE</b>		
<b>Customer Charge per Month:</b>	\$282.00	
<b>Monthly Minimum Bill:</b>	Customer + Facilities + Demand Charge	
<b>Facilities Charge per Month per annual maximum kW: (minimum 80 kW)</b>	\$0.00 /kW	
<b>Energy Charge per kWh:</b>	Summer	Winter
On-Peak	4.600 ¢/kWh	4.076 ¢/kWh
Mid-Peak	3.760 ¢/kWh	3.732 ¢/kWh
Off-Peak	2.460 ¢/kWh	3.219 ¢/kWh
<b>Demand Charge per kW/month: (minimum 80 kW)</b>	Summer	Winter
On-Peak	\$6.80 /kW	\$2.54 /kW
Mid-Peak	\$2.74 /kW	\$4.14 /kW
Off-Peak	\$0.00 /kW	\$0.00 /kW

NORTH DAKOTA PUBLIC  
SERVICE COMMISSION  
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APPROVED: Bruce G. Gerhardson  
Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 10.05  
ELECTRIC RATE SCHEDULE  
Large General Service – Time of Day  
Page 3 of 5  
Seventh Revision

**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:**

1. A Customer with a Billing Demand of greater than 200 kW for 12 consecutive months will be required to take service under the Large General Service schedule (Section 10.04) or Large General Service schedule – Time of Day (Section 10.05). N  
N  
N
2. The Customer must remain on this schedule if its maximum monthly Billing Demand meets or exceeds 200 kW for more than two of the most recent 12 months. Customers on this schedule whose maximum monthly Billing Demand are less than 200 kW for less than 10 of the most recent 12 months, may take service on Section 10.02 or 10.03. If the Customer meets the criteria to take service on Section 10.02 or 10.03, they must direct the Company to the applicable rate schedule. N  
N  
N  
N  
N  
N

**DETERMINATION OF FACILITIES CHARGE:** The Facilities Charge Demand will be based on the greater of 1) 80 kW, or 2) the largest of the most recent 12 monthly Billing Demand.

**DETERMINATION OF METERED DEMAND:** The maximum kW as measured for one hour during each of the On-Peak, Mid-Peak and Off-Peak periods during the month for which the bill is rendered. C

**ADJUSTMENT FOR EXCESS REACTIVE DEMAND:** For billing purposes, the Metered Demand shall be increased by 1 kW for each whole 10 kVar of Reactive Demand in each period in excess of 50% of the Metered Demand in kW.

**DETERMINATION OF BILLING DEMAND:** The Billing Demand shall be the greater of 80 kW or the Metered Demand adjusted for Excess Reactive Demand.



Fergus Falls, Minnesota

North Dakota, Section 10.05  
ELECTRIC RATE SCHEDULE  
Large General Service – Time of Day  
Page 4 of 5  
Fifth Revision

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

WINTER SEASON - OCTOBER 1 THROUGH MAY 31

On-Peak: For all kW and kWh used Monday through Friday between hours 7:00 a.m. to 10:00 a.m.

Mid-Peak: For all kW and kWh used Monday through Friday between hours 6:00 a.m. to 7:00 a.m. and 10:00 a.m. to 9:00 p.m.

Off-Peak: For all other kW and kWh used Monday through Friday between hours 9:00 p.m. to 6:00 a.m. and all weekend hours.

SUMMER SEASON - JUNE 1 THROUGH SEPTEMBER 30

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

Mid-Peak: For all kW and kWh used Monday through Friday between hours 11:00 a.m. to 1:00 p.m., 7:00 p.m. to 9:00 p.m., and on weekends between hours 1:00 p.m. to 7:00 p.m.

Off-Peak: For all kW and kWh used Monday through Friday between hours 9:00 p.m. to 11:00 a.m. and on weekends between hours 7:00 p.m. to 1:00 p.m.

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

**OPTIONAL TRIAL SERVICE:**

- Customers may elect Time of Day service for a trial period of three months.
- If a Customer chooses to return to non-time of day service after the trial period, the Customer will pay a charge of \$60.00 for removal of time of day metering equipment.

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NORTH DAKOTA PUBLIC  
SERVICE COMMISSION  
Case No. PU-23-  
Approved by order dated

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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 10.05  
ELECTRIC RATE SCHEDULE  
Large General Service – Time of Day  
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Original

- If a Customer chooses to change from this schedule after the three-month trial period, the customer must notify the Company within 15 days after the trial period ends. Otherwise, the Customer will remain on this schedule for the minimum of one year as described in the General Rules and Regulations Section 1.02. N  
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- The Company will remove the time of day metering equipment and switch the customer to a different applicable rate within 45 days of receipt of written notice of termination of the trial period. N  
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APPROVED: Bruce G. Gerhardson  
Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 11.01  
ELECTRIC RATE SCHEDULE  
Standby Service  
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Tenth Revision

## 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

**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 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 Meter.

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.

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Fergus Falls, Minnesota

North Dakota, Section 11.01  
ELECTRIC RATE SCHEDULE  
Standby Service  
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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 per Month	\$282.08	\$282.08	\$215.90
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	\$1.39874 /kW	\$1.50014 /kW	\$1.60890 /kW
Winter Reservation Charge per month per kW of Contracted Backup Demand	\$0.57174 /kW	\$1.19059 /kW	\$1.26909 /kW
Standby Distribution Facilities Charge per <b>month</b> per kW of Contracted Backup Demand	Not Applicable	\$0.45 /kW	\$0.55 /kW
<b>Firm Standby On-Peak Demand Charge – Summer</b>			
Metered Demand per <b>day</b> per kW On-Peak Backup Charge	\$0.49600 /kW	\$0.58599 /kW	\$0.60611 /kW
<b>Firm Standby On-Peak Demand Charge – Winter</b>			
Metered Demand per <b>day</b> per kW On-Peak Backup Charge	\$0.17900 /kW	\$0.43394 /kW	\$0.45409 /kW
<b>Firm Standby Energy Charges - Summer</b>			
Energy Charges per kWh			
On-Peak Charge	4.600 ¢/kWh	4.717 ¢/kWh	4.847 ¢/kWh
Mid-Peak Charge	3.760 ¢/kWh	3.852 ¢/kWh	3.948 ¢/kWh
Off-Peak Charge	2.460 ¢/kWh	2.517 ¢/kWh	2.576 ¢/kWh



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**ELECTRIC RATE SCHEDULE**  
**Standby Service**  
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**OPTION A: FIRM STANDBY (Continued)**

	Transmission Service	Primary Service	Secondary Service
<b>Firm Standby Energy Charges - Winter</b>			
Energy Charges per kWh			
On-Peak Charge	4.076 ¢/kWh	4.207 ¢/kWh	4.348 ¢/kWh
Mid-Peak Charge	3.732 ¢/kWh	3.844 ¢/kWh	3.964 ¢/kWh
Off-Peak Charge	3.219 ¢/kWh	3.312 ¢/kWh	3.411 ¢/kWh
<b>Supplemental Demand - Summer</b>			
Demand Charges per kW			
On-Peak Charge	\$6.80/kW	\$7.36/kW	\$7.67/kW
Mid-Peak Charge	\$2.74/kW	\$2.96/kW	\$3.08/kW
Off-Peak Charge	\$0.00/kW	\$0.00/kW	\$0.00/kW
<b>Supplemental Demand – Winter</b>			
Demand Charges per kW			
On-Peak Charge	\$2.54/kW	\$5.53/kW	\$5.81/kW
Mid-Peak Charge	\$4.14/kW	\$7.04/kW	\$7.41/kW
Off-Peak Charge	\$0.00/kW	\$0.00/kW	\$0.00/kW

**OPTION B: NON-FIRM STANDBY**

	Transmission Service	Primary Service	Secondary Service
<b>Non-Firm Standby Fixed Charges</b>			
Customer Charge per Month	\$282.08	\$282.08	\$215.90
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	\$0.45 /kW	\$0.55 /kW



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<b>OPTION B: NON-FIRM STANDBY (Continued)</b>			
	Transmission Service	Primary Service	Secondary Service
<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
Mid-Peak Charge	3.760 ¢/kWh	3.852 ¢/kWh	3.948 ¢/kWh
Off-Peak Charge	2.460 ¢/kWh	2.517 ¢/kWh	2.576 ¢/kWh
<b>Non-Firm Standby Energy Charges - Winter</b>			
Energy Charges per kWh			
On-Peak Charge	Not Available	Not Available	Not Available
Mid-Peak Charge	3.732 ¢/kWh	3.844 ¢/kWh	3.964 ¢/kWh
Off-Peak Charge	3.219 ¢/kWh	3.312 ¢/kWh	3.411 ¢/kWh
<b>Supplemental Demand - Summer</b>			
Demand Charges per kW			
On-Peak Charge	Not Available	Not Available	Not Available
Mid-Peak Charge	\$2.74 /kW	\$2.96 /kW	\$3.08 /kW
Off-Peak Charge	\$0.00 /kW	\$0.00 /kW	\$0.00 /kW
<b>Supplemental Demand – Winter</b>			
Demand Charges per kW			
On-Peak Charge	Not Available	Not Available	Not Available
Mid-Peak Charge	\$4.14 /kW	\$7.04 /kW	\$7.41 /kW
Off-Peak Charge	\$0.00 /kW	\$0.00 /kW	\$0.00 /kW



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ELECTRIC RATE SCHEDULE  
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**MANDATORY AND VOLUNTARY RIDERS:** The amount of 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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**DETERMINATION OF METERED DEMAND:** Metered Demand shall be based on the maximum kW registered over any period of one hour during the month in which the bill is rendered.

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**DETERMINATION OF BILLING DEMAND:** The Billing Demand shall be the Metered Demand adjusted for Excess Reactive Demand.

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**ADJUSTMENT FOR EXCESS REACTIVE DEMAND:** For billing purposes, the Metered Demand shall be increased by 1 kW for each whole 10 kVar of measured Reactive Demand in excess of 50% of the Metered Demand in kW.

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**CONTRACT PERIOD:** Standby Service is applicable only by signed agreement, setting forth the location and conditions applicable to the electric service, such as the Contracted Backup Demand, type of standby service (Option A or B), excess facilities required for service and other applicable terms and conditions, and providing for an initial minimum contract period of one year, unless otherwise authorized by the Company.

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**TERMS AND CONDITIONS:**

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1. The Company's Meter will measure power and Energy from the Company to the Customer. Any flow of power and Energy from the Customer to the Company will be separately metered under one of the Company's Purchase Power Rate Schedules, or by contract.
2. Option A - Firm Standby: Exclusive of any scheduled maintenance hours, if the number of hours on which Backup Service is supplied exceeds 150 On-Peak hours in the Summer Season and 300 On-Peak hours in the Winter Season, the Customer may be required to take service under a standard, non-standby, rate schedule.

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Fergus Falls, Minnesota

North Dakota, Section 11.01  
ELECTRIC RATE SCHEDULE  
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3. Option B – Non-Firm Standby: Backup Service is not available during any On-Peak season. This service is only available in the Summer Mid-Peak and Summer Off-Peak and Winter Mid-Peak and Winter Off-Peak hours on a non-firm basis. The Company makes no guarantee that this service will be available; however, the Company will make reasonable efforts to provide Backup Service under Option B whenever possible.	L LC LC L L L
4. One year (12 months) written notice to the Company is required to convert from this standby service to regular firm service, unless authorized by the Company.	L L
5. Any Excess Facilities Investment required to furnish service under this Tariff will be provided at the Customer's expense.	L L
6. The Customer shall indemnify the Company against all liability which may result from any and all claims for damages to property and injury or death to persons which may arise out of or be caused by the erection, maintenance, presence, or operation of the Customer generation facility or by any related act or omission of the Customer, its employees, agents, contractors or subcontractors.	L L L L L
7. During times of Customer generation, the Customer will be expected to provide vars as needed to serve their load. The Customer will provide equipment to maintain a unity power factor + or - 10% for Supplemental Service, and when the Customer is taking Backup Service from the Company.	L L L L L

#### **DEFINITIONS AND USEFUL TERMS:**

**Backup Demand** (a component of Backup Service) is the demand taken when On-Peak Demand provided by the Company is used to make up for reduced output from the Customer's generation. The total monthly backup charge will not exceed the sum of the ten highest daily charges for Backup Demand, if any.

**Backup Service** is the Energy and Demand supplied by the utility during unscheduled outages of the Customer's Generator.

**Billing Demand** is the Customer's Demand used by the Company for billing purposes.

**Capacity** is the ability to functionally serve a required load on a continuing basis.



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ELECTRIC RATE SCHEDULE  
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**Contracted Backup Demand** is the amount of Capacity selected to backup Customer's generation, not to exceed the capability of the Customer's Generator. The Contract Backup Demand is set by mutual agreement of the Customer and Company to electric capacity levels sufficient to meet the customer's standby load. If the Company determines the capacity levels sufficient for the customers' standby load have changed, within two billing cycles, the Contracted Backup Demand will require review by both Company and Customer, for both billing and resource planning purposes. Any billing adjustments will be retroactive to the month the Company notified the Customer.

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

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**Excess Facility Investments** are facilities required to provide service to the generation system that are not provided in Company retail service schedules. The Customer is required to pay up-front for these facilities and pay maintenance costs as long as the facilities are required.

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**Extended Parallel Generation Systems** are generation systems that are designed to remain connected in parallel to and in phase with the utility Distribution system for an extended period of time.

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**MISO** is the Midcontinent Independent System Operator, Inc. (MISO), a not-for profit, member based organization that ensures the reliable delivery of electricity, at the lowest cost, across high-voltage power lines in 15 U.S. States and the Canadian province of Manitoba. MISO also conducts transmission planning and manages the buying and selling of wholesale electricity in one of the world's Energy markets.

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**Non-Standby Service Customer** is a Customer who a) does not request and receive approval of Standby Services from the Company or, b) is exempt from paying any standby charges as allowed by law or Commission Order or, c) in lieu of service under this tariff, may provide Physical Assurance, or d) will take service from any of the Company's other approved base tariffs.

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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.

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Fergus Falls, Minnesota

North Dakota, Section 11.01  
ELECTRIC RATE SCHEDULE  
Standby Service  
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Standby Service for Customers with Extended Parallel Generation Systems used to meet all or a portion of electrical requirements that are capable of 60 kW or less is available under the Customer's base rate.

For more information regarding Extended Parallel Generation Systems, Physical Assurance Customers, Special Minimum Demand, and Standby Service for Customers, please see these terms under Definitions.

**Physical Assurance Customer** is a Customer who agrees not to require standby services and has an approved mechanical device, inspected and approved by a Company representative, to insure standby service is not taken. The cost of the mechanical device is to be paid by the Customer.

**Renewable Energy Attributes** refer to the benefits of the Energy from being generated by a renewable resource rather than a fossil-fueled resource.

**Renewable Energy Credit** is typically viewed as a certification that something was generated by a renewable resource.

**Renewable Resource Premium** refers to the extra payment received on top of the regular avoided costs. This extra payment is to reflect the value of the Renewable Energy Credit, which is a certification of the Renewable Energy Attributes.

**Reservation Charge Per kW Per Month** is the charge that recovers the planned generation reserve margin of the utility times the applicable Capacity charge.

**Scheduled Maintenance Service** is defined as the Energy and Demand supplied by the utility during scheduled outages. The daily On-Peak Backup Demand charge under Variable Charges of the "Rate" Section will be waived for a maximum continuous period of 30 days per calendar year to allow for maintenance of the Customer generation source. Waiver is only valid during the months of April, May, October, and November, and with a minimum of five working days (excludes weekends and holidays) written notice to the Company. In certain cases, such as very large Customers, the Company and the Customer will mutually agree to different maintenance schedules as listed above.



Fergus Falls, Minnesota

North Dakota, Section 11.01  
ELECTRIC RATE SCHEDULE  
Standby Service  
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Original

**Standby Service Customer** is a Customer who receives the following services from the Company, Section 11.01; backup power for Customer generation, supplemental power, and scheduled maintenance power. These services are not applicable for resale, municipal outdoor lighting, or Customers with emergency standby Generators.

**Summer Season** is the period from June 1 through September 30.

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

**Summer Mid-Peak:** For all kW and kWh used Monday through Friday between hours 11:00 a.m. to 1:00 p.m., 7:00 p.m. to 9:00 p.m., and on weekends between hours 1:00 p.m. to 7:00 p.m.

**Summer Off-Peak:** For all kW and kWh used Monday through Friday between hours 9:00 p.m. to 11:00 a.m. and on weekends between hours 7:00 p.m. to 1:00 p.m.

**Supplemental Service** is the Energy and Demand supplied by the utility in addition to the capability of the on-site Generator.

**Winter Season** is the period from October 1 through May 31.

**Winter On-Peak:** For all kW and kWh used Monday through Friday between hours 7:00 a.m. to 10:00 a.m.

**Winter Mid-Peak:** For all kW and kWh used Monday through Friday between hours 6:00 a.m. to 7:00 a.m. and hours 10:00 a.m. to 9:00 p.m.

**Winter Off-Peak:** For all kW and kWh used Monday through Friday between hours 9:00 p.m. to 6:00 a.m. and all weekend hours.

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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 11.02  
ELECTRIC RATE SCHEDULE  
**Irrigation Service**  
Page 1 of 4  
Nineteenth Revision

## IRRIGATION SERVICE

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

**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							
<b>Customer Charge per Month:</b>	\$24.30						
<b>Monthly Minimum Bill:</b>	Customer + Facilities Charge						
<b>Facilities Charge per Month:</b>	Customer Specific, see Facilities Charge						
<b>Energy Charge per kWh:</b>	<table><tr><td>Summer</td><td>Winter</td></tr><tr><td>6.073</td><td>4.173</td></tr><tr><td>¢/kWh</td><td>¢/kWh</td></tr></table>	Summer	Winter	6.073	4.173	¢/kWh	¢/kWh
Summer	Winter						
6.073	4.173						
¢/kWh	¢/kWh						

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<b>OPTION 2</b>			
<b>Customer Charge per Month:</b>	\$24.30		
<b>Monthly Minimum Bill:</b>	Customer + Facilities Charge		
<b>Facilities Charge per Month:</b>	Customer Specific, see Facilities Charge		
<b>Energy Charge per kWh:</b>	Summer	Winter	
<b>Declared-Peak</b>	18.683	¢/kWh	22.632
<b>Intermediate</b>	5.653	¢/kWh	5.960
<b>Off-Peak</b>	3.085	¢/kWh	4.348

**FACILITIES CHARGE:** Customers served under this rate shall pay an annual fixed charge according to the language set forth in Section 5.02, Special Facilities. This will include the investment of the Company in the extension of lines, including any rebuilding or cost of capacity increase in lines or apparatus necessary because of the irrigation pumping load.

Alternatively, Customers may prepay the installation and cost of the equipment and shall pay an annual fixed charge according to the language set forth in Section 5.02, Special Facilities.

In either option, equipment remains the property of the Company. This charge shall be reviewed if additional Customers are connected to the extension within five years. The annual fixed charge will be billed in seven equal monthly installments May through November of each year.

**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.



Fergus Falls, Minnesota

North Dakota, Section 11.02  
ELECTRIC RATE SCHEDULE  
Irrigation Service  
Page 3 of 4  
Nineteenth Revision

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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 (see Declared-Peak Notification).

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

Off-Peak: For all kWh used Monday through Friday between hours 9:00 p.m. to 6:00 a.m., and all weekend hours.

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

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

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

Off-Peak: For all kWh used Monday through Friday between hours 9:00 p.m. to 11:00 a.m. and on weekends between hours 7:00 p.m. to 1:00 p.m.

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**DECLARED-PEAK NOTIFICATION:** The Company shall make available to the 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.

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.

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.

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Fergus Falls, Minnesota

North Dakota, Section 11.03  
ELECTRIC RATE SCHEDULE  
Outdoor Lighting – Energy Only  
Dusk to Dawn  
Page 2 of 2  
Sixth Revision

### **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>	7.821 ¢/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.

### **RATE – NON-METERED:**

<b>SIGN LIGHTING/OUTDOOR LIGHTING – ENERGY ONLY</b>
<b>Monthly charge = Connected kW x \$23.42, where Connected kW is the rated power of the lighting fixture (including ballast).</b>

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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 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.

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## Fergus Falls, Minnesota

North Dakota, Section 11.04  
**ELECTRIC RATE SCHEDULE**  
**Outdoor Lighting**  
**Dusk to Dawn**  
Page 1 of 3  
Sixteenth Revision

# OUTDOOR LIGHTING DUSK TO DAWN

<b>DESCRIPTION</b>	<b>RATE CODE</b>
Street and Area Lighting – CLOSED TO NEW INSTALLATIONS AND REPLACEMENTS	N741

**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	\$ 7.69
MV-6PT	6,000	175	10.97
MV-11	11,000	250	13.93
MV-21	21,000	400	18.33
MV-35	35,000	700	26.90
MV-55	55,000	1000	34.39
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MA-8	8,500	100	9.28
MA-14	14,000	175	17.65
MA-20	20,500	250	20.15
MA-36	36,000	400	19.74
MA-110	110,000	1000	42.12
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HPS-9	9,000	100	8.25
HPS-9PT	9,000	100	10.66
HPS-14	14,000	150	12.84
HPS-14PT	14,000	150	13.74
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HPS-19	19,000	200	14.92
HPS-23	23,000	250	16.89
HPS-44	44,000	400	20.84

**NORTH DAKOTA PUBLIC  
SERVICE COMMISSION**  
Case No. PU-23-  
Approved by order dated

**EFFECTIVE with bills rendered on  
and after , in North Dakota**

APPROVED: Bruce G. Gerhardson  
Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 11.04  
ELECTRIC RATE SCHEDULE  
Outdoor Lighting  
Dusk to Dawn  
Page 2 of 3  
Seventeenth Revision

FLOODLIGHTING		
Fixture	Unit Type	Monthly Charge
400 MV-Flood	Mercury Vapor	\$18.73
400 MA-Flood	Metal Additive Mercury	20.27
400 HPS-Flood	High Pressure Sodium	20.72
1000 MV-Flood	Mercury Vapor	33.38
1000 MA-Flood	Metal Additive Mercury	35.21

Due to the U.S. Government Energy Act of 2005, after July 1, 2008, the Company will no longer install Mercury Vapor fixtures for new installations.

**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.

**SEASONAL CUSTOMERS:** Seasonal Customers will be billed at the same rate as year-around Customers, except as follows:

A fixed charge of \$35.39 will be billed each seasonal Customer once per season per fixture in addition to the rate provided above. The fixed charge will be included in the first bill rendered for each season. R

Each Customer will be billed for the number of months each season that the outdoor lighting fixture is in use, but not less than a minimum of four months, plus the seasonal fixed charge.

**UNDERGROUND SERVICE:** If a Customer requests underground service to any outdoor lighting unit, the Company will supply a span of up to 200 feet of wire and add an additional \$2.66 to the monthly rate specified above. If overhead service is not available, there is no additional charge. **There is no additional charge for the MV-6PT, HPS-9PT, or the HPS-14PT fixtures.** R



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North Dakota, Section 11.04  
ELECTRIC RATE SCHEDULE  
Outdoor Lighting  
Dusk to Dawn  
Page 3 of 3  
Fifteenth Revision

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**EQUIPMENT AND SERVICE SUPPLIED BY THE COMPANY:** The Company will install, own, operate and have discretion to replace or upgrade a high intensity discharge light including suitable reflector or a floodlight including a lamp, bracket for mounting on wood poles with overhead wiring and photo-electric or other device to control operating hours. Customers provided with pole top fixtures on fiberglass poles will not receive overhead power supply. The light shall operate from dusk to dawn. The Company will supply the necessary electricity and maintenance for the unit.

**SERVICE CONDITIONS:** Lighting will not be mounted on Customer-owned property. The light shall be mounted upon a suitable new or existing Company-owned facility. The Company shall own, operate, and maintain the lighting unit including the pole, fixture, lamp, ballast, photoelectric control, mounting brackets, and all necessary wiring using the Company's standard streetlighting equipment. The Company shall furnish all electric Energy required for operation of the unit. C

In case of vandalism or damages, the Company has the discretion to discontinue service and remove Company equipment.

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Fergus Falls, Minnesota

North Dakota, Section 11.05  
ELECTRIC RATE SCHEDULE  
Municipal Pumping Service  
Page 1 of 2  
Sixth Revision

## MUNICIPAL PUMPING SERVICE

DESCRIPTION	RATE CODE
Secondary Service	N872
Primary Service	N874

**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.

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.

**RATE:**

SECONDARY SERVICE		R
Customer Charge per Month:	\$33.45	
Monthly Minimum Bill:	Customer + Facilities Charge	
Facilities Charge per Annual Maximum kW per Month:	\$2.12 /kW	R
Energy Charge per kWh:	Summer 4.209 ¢/kWh	Winter 4.778 ¢/kWh

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Fergus Falls, Minnesota

North Dakota, Section 11.05  
ELECTRIC RATE SCHEDULE  
Municipal Pumping Service  
Page 2 of 2  
Eighth Revision

PRIMARY SERVICE	
<b>Customer Charge per Month:</b>	\$33.45
<b>Monthly Minimum Bill:</b>	Customer + Facilities Charge
<b>Facilities Charge per Annual Maximum kW per Month:</b>	\$1.42 /kW
<b>Energy Charge per kWh:</b>	
	Summer
	4.209 ¢/kWh
	Winter
	4.778 ¢/kWh

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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 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 METERED DEMAND:** The maximum kW as measured by a Demand Meter for any period of 15 consecutive minutes during the month for which the bill is rendered.

**ADJUSTMENT FOR EXCESS REACTIVE DEMAND:** For billing purposes, the Metered Demand may be increased by 1 kW for each whole 10 kVar of measured Reactive Demand in excess of 50% of the Metered Demand in kW.

**DETERMINATION OF BILLING DEMAND:** The Billing Demand shall be the Metered Demand adjusted for Excess Reactive Demand.

**DETERMINATION OF FACILITIES CHARGE:** The Facilities Charge Demand will be based on the largest of the most recent 12 monthly Billing Demands.



Fergus Falls, Minnesota

North Dakota, Section 11.06  
ELECTRIC RATE SCHEDULE  
Civil Defense – Fire Sirens  
Page 1 of 1  
Seventh Revision

## CIVIL DEFENSE - FIRE SIRENS

DESCRIPTION	RATE CODE
Civil Defense – Fire Sirens	N843

**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:	\$1.22
Monthly Minimum Bill:	Customer Charge
Facilities Charge per Month:	\$0.00
Charge per HP:	71.789 ¢/HP

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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 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.

**SERVICE CONDITIONS:** Service shall be provided off of standard Distribution Facilities typical of those in the general area. If necessary for the Company to install non-standard Distribution associated with the non-standard facilities, as part of this tariff the Company will provide an extension of up to one span of wire, not to exceed 200 feet. C  
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The Company shall have the right to periodically review the Customer's Civil Defense-Fire Siren rated horsepower (hp) to verify that the rated hp of the non-metered siren is consistent with the Company's records.

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Fergus Falls, Minnesota

North Dakota, Section 11.07  
**ELECTRIC RATE SCHEDULE**  
**LED Street and Area Lighting**  
 Page 1 of 3  
 Second Revision

## LED STREET and AREA LIGHTING – DUSK TO DAWN

DESCRIPTION	RATE CODE
LED Type 1 Outdoor Lighting	N730
LED Type 2 Primary Outdoor Lighting	N731

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

**APPLICATION OF SCHEDULE:** This schedule is applicable to any Customer for automatically operated dusk to dawn outdoor lighting supplied and operated by the Company. All Customers take service on LED Type 1 except for those defined as LED Type 2.

### RATE:

LED TYPE 1	Approximate Lumens	Approximate Wattage	Monthly Charge	LED TYPE 2	Monthly Charge
LED5	5,175	47	\$8.03	PLED5	\$7.50
LED8	9,003	76	\$14.98	PLED8	\$14.12
LED3PT	2,759	26	\$10.80	PLED3PT	\$10.51
LED5PT	5,404	47	\$13.76	PLED5PT	\$13.23
LED10	12,388	95	\$16.96	PLED10	\$15.88
LED13	16,691	133	\$22.30	PLED13	\$20.79
LED20 - Flood	23,067	199	\$20.49	PLED20 - Flood	\$18.23
LED30 - Flood	32,003	261	\$33.42	PLED30 - Flood	\$30.45

Appropriate standard wood pole is included in the Monthly Charge

ALUMINUM ALLOY POLES	Additional Monthly Charge
STANDARDS 30'	\$26.61
STANDARDS 40'	\$27.94

LED FLOOD VISOR	Additional Monthly Charge
Lighting Visor LED 20-Flood	\$0.82
Lighting Visor LED 30-Flood	\$1.49



Fergus Falls, Minnesota

North Dakota, Section 11.07  
ELECTRIC RATE SCHEDULE  
LED Street and Area Lighting  
Page 2 of 3  
Third Revision

DECORATIVE LIGHTS	Approximate Lumens	Approximate Wattage	Monthly Charge
DLEDA7 (Arlington)	5837	66	\$94.73
DLEDG7 (Granville)	7440	68	\$92.94
DLEDE17 (Esplanade)	20000	170	\$119.33

**MANDATORY AND VOLUNTARY RIDERS:** The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any 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.

**TYPE 2 (PRIMARY METERING) MONTHLY CHARGE:** This rate is applicable under the following conditions: 1) the customer is metered at primary voltage, and 2) taking service under this rate, and 3) the lights on this rate are metered at primary voltage.

**SEASONAL CUSTOMERS:** Seasonal Customers will be billed at the same rate as year-around Customers, except as follows:

A fixed charge of \$35.39 will be billed each Seasonal Customer once per season per fixture in addition to the rate provided above. The fixed charge will be included in the first bill rendered for each season.

Each Seasonal Customer will be billed for the number of months each season that the outdoor lighting fixture is in use, but not less than a minimum of four months, plus the seasonal fixed charge.

Seasonal rate is not offered for the Decorative LED.

**UNDERGROUND SERVICE SUPPLIED BY THE COMPANY:** If the Customer requests underground service to an outdoor lighting unit, excluding Post Top, Aluminum Alloy Post and Decorative Lighting the Company will supply up to 200 feet of wire and add an additional \$2.66 to the monthly rate specified above. If overhead service is not available, there is no additional charge. There is no additional charge, up to 200 feet, for LED5PT or LED3PT fixtures, or fixtures mounted on Aluminum Alloy Standards.

For any new installation, requiring an underground conductor extended over 200 feet per fixture, the customer will be charged a monthly rate of \$0.12 per foot. If there are multiple fixtures installed any additionally installed length of conductor shall be combined in one monthly charge.

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Vice President, Regulatory Affairs

## PURCHASE POWER RIDERS - AVAILABILITY MATRIX

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The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply, Voluntary Rate Riders selected by the Customer, and charges listed in the General Rules and Regulations.

Applicability Matrix	Purchase Power Riders	Small Power Producer Rider Occasional Delivery Energy Service	Small Power Producer Rider Time of Delivery Energy Service	Small Power Producer Rider Dependable Service
		Section Numbers	12.01	12.02
<b>Base Tariffs</b>				
<b>RESIDENTIAL &amp; FARM SERVICES</b>				
Residential Service	9.01	✓	✓	✓
Residential Demand Control Service (RDC)	9.02	✓	✓	✓
Farm Service	9.03	✓	✓	✓
Reserved for Future Use	9.04			
<b>GENERAL SERVICES</b>				
Small General Service (Under 20 kW)	10.01	✓	✓	✓
General Service (20 kW or greater and less than 200 kW)	10.02	✓	✓	✓
General Service - Time of Use (20 kW or greater and less than 200 kW)	10.03	✓	✓	✓
Large General Service	10.04	✓	✓	✓
Large General Service - Time of Day	10.05	✓	✓	✓
Super Large General Service	10.06	✓	✓	✓
<b>OTHER SERVICES</b>				
Standby Service	11.01			✓
Irrigation Service	11.02	✓	✓	✓
Outdoor Lighting - Energy Only	11.03			
Outdoor Lighting (CLOSED)	11.04			
Municipal Pumping Service	11.05	✓	✓	✓
Civil Defense - Fire Sirens	11.06			
LED Street and Area Lighting	11.07			
Key: ✓ = May apply   ■ = Mandatory   □ = Not Applicable				

## MANDATORY RIDERS - APPLICABILITY MATRIX

C

The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply, Voluntary Rate Riders selected by the Customer, and charges listed in the General Rules and Regulations.

Applicability Matrix		Mandatory Riders	Energy Adjustment Rider	Reserved for Future Use	Reserved for Future Use	Renewable Resource Cost Recovery Rider	Transmission Cost Recovery Rider	Generation Cost Recovery Rider	Reserved for Future Use	Environmental Cost Recovery Rider	Reserved for Future Use	Reserved for Future Use	Metering & Distribution Technology Cost Recovery Rider	Interim Rate Rider	Sales Rider
<b>Base Tariffs</b>	Section Numbers		13.01	13.02	13.03	13.04	13.05	13.06	13.07	13.08	13.09	13.10	13.11	13.12	13.13
<b>RESIDENTIAL &amp; FARM SERVICES</b>															
Residential Service		9.01													
Residential Demand Control Service (RDC)		9.02													
Farm Service		9.03													
Reserved for Future Use		9.04													
<b>GENERAL SERVICES</b>															
Small General Service (Under 20 kW)		10.01													
General Service (20 kW or greater and less than 200 kW)		10.02													
General Service - Time of Use (20 kW or greater and less than 200 kW)		10.03													
Large General Service		10.04													
Large General Service - Time of Day		10.05													
Super Large General Service		10.06													
<b>OTHER SERVICES</b>															
Standby Service		11.01													
Irrigation Service		11.02													
Outdoor Lighting - Energy Only		11.03											✓		
Outdoor Lighting (CLOSED)		11.04													
Municipal Pumping Service		11.05													
Civil Defense - Fire Sirens		11.06													
LED Street and Area Lighting		11.07													

Key: ✓ = May apply    ■ = Mandatory    □ = Not Applicable

**MANDATORY RIDERS - APPLICABILITY MATRIX (Continued)**

<b>Applicability Matrix</b>	<b>Mandatory Riders</b>	Energy	Reserved for	Reserved for	Renewable	Transmission	Generation Cost	Reserved for	Environmental	Reserved for	Reserved for	Metering &	Interim Rate	Sales Rider
		Adjustment Rider	Future Use	Future Use	Resource Cost Recovery Rider	Cost Recovery Rider	Cost Recovery Rider	Future Use	Cost Recovery Rider	Future Use	Future Use	Technology Cost Recovery Rider	Rider	
<b>Base Tariffs</b>	Section Numbers	13.01	13.02	13.03	13.04	13.05	13.06	13.07	13.08	13.09	13.10	13.11	13.12	13.13
<b>MANDATORY RIDERS</b>														
Energy Adjustment Rider	13.01													
Reserved for Future Use	13.02													
Reserved for Future Use	13.03													
Renewable Resource Cost Recovery Rider	13.04													
Transmission Cost Recovery Rider	13.05													
Generation Cost Recovery Rider	13.06													
Reserved for Future Use	13.07													
Environmental Cost Recovery Rider	13.08													
Reserved for Future Use	13.09													
Reserved for Future Use	13.10													
Metering & Distribution Technology Cost Recovery Rider	13.11													
Interim Rate Rider	13.12													
Sales Rider	13.13													
Key: <input checked="" type="checkbox"/> = May apply <input type="checkbox"/> = Mandatory <input type="checkbox"/> = Not Applicable														

**MANDATORY RIDERS - APPLICABILITY MATRIX (Continued)**

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Applicability Matrix		Mandatory Riders	Energy Adjustment Rider	Reserved for Future Use	Reserved for Future Use	Renewable Resource Cost Recovery Rider	Transmission Cost Recovery Rider	Generation Cost Recovery Rider	Reserved for Future Use	Environmental Cost Recovery Rider	Reserved for Future Use	Reserved for Future Use	Metering & Distribution Technology Cost Recovery Rider	Interim Rate Rider	Sales Rider
Base Tariffs	Section Number	13.01	13.02	13.03	13.04	13.05	13.06	13.07	13.08	13.09	13.10	13.11	13.12	13.13	
<b>VOLUNTARY RIDERS</b>															
Water Heating Control Rider	14.01					✓	✓	✓		✓			✓	✓	✓
Real Time Pricing Rider	14.02														
Large General Service Rider	14.03	✓												✓	
Controlled Service - Interruptible Load Self-Contained and CT Metering Rider (Dual Fuel)	14.04														
Reserved for Future Use	14.05														
Controlled Service Deferred Load Rider (Thermal Storage)	14.06														
Fixed Time of Service Rider	14.07														
Air Conditioning Control Rider (CoolSavings)	14.08														
Voluntary Renewable Energy Rider (TailWinds)	14.09														
WAPA Bill Crediting Program Rider	14.10														
Reserved for Future Use	14.11														
Bulk Interruptible Service	14.12														
Economic Development Rate Rider - Large General Service	14.13														
<b>Key:</b>	✓ = May apply	■ = Mandatory	□ = Not Applicable												

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Fergus Falls, Minnesota

North Dakota, Section 13.01  
ELECTRIC RATE SCHEDULE  
Energy Adjustment Rider by Service Category  
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Eighteenth Revision

## ENERGY ADJUSTMENT RIDER BY SERVICE CATEGORY

(Identified on the bill as Fuel & Purchase Power)

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**ENERGY ADJUSTMENT CHARGE:** There shall be added to the monthly bill an Energy Adjustment Charge calculated by multiplying the customers applicable monthly billing Kilowatt hours (kWh) by the customers applicable billed Energy Adjustment Factor (EAF) per kWh. The billed EAF amount per Kilowatt-hour (rounded to the nearest 0.001¢) will be the average monthly cost of Energy per Kilowatt-hour as determined for that customers service category. The average cost of Energy per Kilowatt-hour for the current period shall be calculated from data covering actual costs from the most recent four-month period as follows:

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Energy costs from actual months 1, 2, 3, and 4 plus unrecovered (or less over recovered) prior cumulative Energy costs divided by retail sales for actual months 1, 2, 3, and 4 equals the cost of Energy adjustment for month 6.

**ENERGY ADJUSTMENT FACTOR (EAF):** A separate EAF will be determined for each Customer service category defined by Customer class. The EAF for each service category is the sum of the Current Period Average Cost of Energy and applicable monthly true-up, multiplied by the applicable EAF Ratio. The applicable EAF for each calendar month will be applied to that calendar month's daily pro-ration of Energy usage included on the bill.

Service Category	Section	EAF Ratio
Residential	9.01, 9.02,	1.025
Farm	9.03	0.969
General Service	10.01, 10.02, 10.03	1.016
Large General Service	10.04, 10.05, 10.06, 11.01, 14.13	0.967
Irrigation Service	11.02	0.937
Outdoor Lighting	11.03, 11.04, 11.07	0.784
OPA	11.05	1.011
Controlled Service Deferred Load	14.01, 14.06	1.035
Controlled Service Interruptible	14.04, 14.12	1.037
Controlled Service Off Peak	14.07	0.963

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North Dakota, Section 13.01  
ELECTRIC RATE SCHEDULE  
Energy Adjustment Rider by Service Category  
Page 2 of 3  
Nineteenth Revision

The average cost of Energy shall be determined as follows:

1. The cost of fossil fuel, as recorded in Account 151, used in the Company's generating plants, and the costs of reagents and emission allowances for the Company to operate its generating plants in compliance with the associated Federal Environmental Protection Agency rules and regulations. Energy from the Company's hydro generating plants shall be included at zero cost. L
2. The Energy cost of purchased power included in Account 555 when such Energy is purchased on an economic dispatch basis, exclusive of Capacity or Demand charges. This includes but is not limited to net costs linked to the utility's load serving obligation, associated with participation in wholesale electric Energy markets operated by Regional Transmission Organizations, Independent System Operators or similar entities that have received Federal Energy Regulatory Commission approval to operate the Energy markets. All Midcontinent Independent System Operator ("MISO") Energy and Ancillary service market charges and credits relating to retail sales and asset based sales, specifically including (but not limited to) Schedule 16 and 17 charges and credits shall be included in the calculation. L
3. The actual identifiable fossil and nuclear fuel costs associated with Energy purchased for reasons other than identified in 2 above. C
4. The net Energy cost of Energy purchases from a renewable Energy source, including hydropower, wood, windpower, and biomass. C
5. Less the fuel-related costs recovered through intersystem sales. C
6. The Energy cost of avoided purchased power resulting from Hoot Lake Solar output. C
7. Known MISO Planning Resource Auction capacity costs will be added to the energy adjustment rider or revenues will be credited (flow through) the energy adjustment rider. C
8. All revenues and associated costs attributable to Asset-based Sales Margins, as defined below and in the amount calculated as described below, shall be included in the Energy adjustment calculation described in this schedule. C

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Fergus Falls, Minnesota

North Dakota, Section 13.01  
ELECTRIC RATE SCHEDULE  
Energy Adjustment Rider by Service Category  
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**Asset-based Sales Margins:**

Asset-based Sales Margins are defined as wholesale Energy and ancillary services sales revenues from Company-owned generation resources less the sum of fuel, Energy costs (including costs associated with MISO markets that are recorded in FERC Account 555), and any additional transmission or other costs incurred that are required to make such sales (referred to as "margins"). One hundred percent of these actual revenues and costs shall be included in the energy adjustment rider as they are incurred.

9. The costs of fuel and reagents resulting from steam and water sales and the revenues from steam and water sales shall be included in the energy adjustment rider.

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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 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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Fergus Falls, Minnesota

North Dakota, Section 13.05  
ELECTRIC RATE SCHEDULE  
Transmission Cost Recovery Rider  
Page 1 of 2  
Seventh Revision

## TRANSMISSION COST RECOVERY RIDER

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

**RULES AND 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 electric service under all of the Company's retail rate schedules as described in the Mandatory Riders – Applicability Matrix.

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**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
Large General Service (a)	N/A	¢/kWh	\$1.841
Controlled Service (b)	0.086	¢/kWh	N/A
Lighting (c)	0.496	¢/kWh	N/A
All Other Service	0.575	¢/kWh	N/A

(a) Rate schedules 10.04 Large General Service, 10.05 Large General Service – Time of Day, 10.06 Super Large General Service, 11.01 Standby Service, 14.02 Real Time Pricing Rider, 14.03 Large General Service Rider, and 14.13 Economic Development Rate Rider.  
(b) Rate Schedules 14.01 Water Heating, 14.04 Interruptible Load Self-Contained and CT 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, and 11.07 LED Street and Area Lighting.

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Fergus Falls, Minnesota

North Dakota, Section 13.06  
ELECTRIC RATE SCHEDULE  
Generation Cost Recovery Rider  
Page 1 of 2  
Tenth Revision

## GENERATION COST RECOVERY RIDER

DESCRIPTION	RATE CODE
All Services	NGCR

**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 as described in the Mandatory Riders – Applicability Matrix.

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**COST RECOVERY CHARGE:** There shall be included on each North Dakota Customer's monthly bill a Generation Cost Recovery (GCR) 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**). The GCR 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. The following charges are applicable in addition to all charges for service being taken under the Company's standard rate schedules.

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Generation Cost Recovery Factor 0.000 percent

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**DETERMINATION OF GENERATION COST RECOVERY CHARGE:** The GCR Factor shall be determined by dividing the forecasted *balance of the GCR Tracker account* by the *forecasted retail revenues subject to the GCR Factor*. The forecasted GCR 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 GCR Factor shall be rounded to the nearest 0.001 percent.

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SERVICE COMMISSION  
Case No. PU-23-  
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Bruce G. Gerhardson  
Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 13.06  
ELECTRIC RATE SCHEDULE  
Generation Cost Recovery Rider  
Page 2 of 2  
Second Revision

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

*The annual revenue requirements associated with these investments eligible for recovery under NDCC 49-02, 49-05, and 49-06 that are determined by the Commission to be eligible for recovery under this GCR Rider. A standard model will be used to calculate the total forecasted North Dakota revenue requirements for eligible measures for the designated period.*

*True-up:* For each recovery period, a true-up adjustment to the GCR Tracker account will be calculated reflecting the difference between actual prior period GCR recoveries and actual prior period revenue requirements. Any resulting over/under recovery will be reflected as a carryover balance and included in calculating the next GCR Factor plus carrying charges or credits accrued at the rate of return approved in Otter Tail Power Company's most recent general rate case.

All costs appropriately charged to the GCR Tracker account shall be eligible for recovery through this Rider, and all revenues recovered from the applicable GCR Factor shall be credited to the GCR Tracker account.

*Forecasted retail revenues* used for calculating the GCR Factor shall include the forecast of retail electric revenue collected through 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**). Retail revenue used for calculating the GCR Factor will not include any Mandatory Riders.

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The GCR Factor may be adjusted annually (or other approved periods) with approval of the Commission.

**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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North Dakota, Section 13.11  
ELECTRIC RATE SCHEDULE  
Metering & Distribution Technology (MDT)  
Cost Recovery Rider  
Page 1 of 2  
First Revision

**METERING & DISTRIBUTION TECHNOLOGY (MDT)  
COST RECOVERY RIDER**

**C**

<b>DESCRIPTION</b>	<b>RATE CODE</b>
Residential	NAMRS
Residential RDC	NAMRC
Farm	NAMFM
General Service	NAMGS
General Service TOU	NAMGU
Large General Service – Primary / Transmission	NAMLP
Large General Service – Secondary	NAMLS
Irrigation Service	NAMIR
Outdoor Lighting (Metered)	NAMLT
OPA (Metered)	NAMOP
Controlled Service Deferred Load	NAMWH
Controlled Service Interruptible – Self Contained	NAMCS
Controlled Service Interruptible – CT Metering	NAMCT
Controlled Service Off Peak	NAMCD

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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 metered retail rate schedules.

**COST RECOVERY CHARGE:** There shall be included on each North Dakota Customer's monthly bill a Metering & Distribution Technology (MDT) Cost Recovery Per Meter 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.

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North Dakota, Section 13.11  
ELECTRIC RATE SCHEDULE  
Metering & Distribution Technology (MDT)  
Cost Recovery Rider  
Page 2 of 2  
First Revision

**RATE:**

Service Category	Section	Per Meter Charge
Residential	9.01	\$1.71
Residential RDC	9.02	\$4.28
Farm	9.03	\$4.33
General Service	10.01, 10.02	\$6.61
General Service -TOU	10.03	\$13.87
Large General Service - Primary / Transmission	10.04, 10.05, 10.06, 11.01	\$71.76
Large General Service - Secondary	10.04, 10.05, 11.01	\$16.31
Irrigation Service	11.02	\$11.13
Outdoor Lighting (Metered)	11.03	\$4.41
OPA (Metered)	11.05	\$4.43
Controlled Service Deferred Load	14.01, 14.06	\$4.28
Controlled Service Interruptible – Self-Contained	14.04	\$4.33
Controlled Service Interruptible – CT Metering	14.04, 14.12	\$17.74
Controlled Service Off Peak	14.07	\$5.31

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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.

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North Dakota, Section 13.13  
ELECTRIC RATE SCHEDULE  
**Sales Rider**  
Page 1 of 2  
Original

## SALES RIDER

DESCRIPTION	RATE CODE
All Services	NSR

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

**APPLICATION OF RIDER:** This rider is applicable to electric service under all of the Company's retail rate schedules as described in the Mandatory Riders – Applicability Matrix. N

**COST RECOVERY FACTOR:** There shall be included on each North Dakota Customer's monthly bill a Sales Rider 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. N

**Sales Cost Recovery - \$0.000 per kWh**

**DETERMINATION OF SALES COST RECOVERY RIDER:** The Sales Cost Recovery (SCR) Rider Factor shall be determined by dividing the effect of sales changes on base rate jurisdictional cost allocations and revenues from Otter Tail Power Company's most recent general rate case by the forecasted retail sales (kWh) subject to the Sales Cost Recovery rider for a designated 12-month recovery period. For each recovery period, a true-up adjustment to the SCR Tracker account will be calculated reflecting the difference between actual prior period SCR recoveries and actual prior period recoveries. Any resulting over/under recovery will be reflected as a carryover balance and included in calculating the next SCR Factor plus carrying charges or credits accrued at the rate of return approved in Otter Tail Power Company's most recent general rate case. N

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*Forecasted retail sales* used for calculating the SCR Factor shall include the forecast of retail electric revenue collected through 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**).

The SCR Factor may be adjusted annually with approval of the Commission.

**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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## VOLUNTARY RIDERS - AVAILABILITY MATRIX

The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply, Voluntary Rate Riders selected by the Customer, and charges listed in the General Rules and Regulations.

Applicability Matrix	Voluntary Riders	Water Heating Control Rider	Real Time Pricing Rider	Large General Service Rider	Controlled Service - Interruptible Load Self-Contained and CT Metering Rider (Dual Fuel)	Reserved for Future Use	Controlled Service Deferred Load Rider (Thermal Storage)	Fixed Time of Service Rider	Air Conditioning Control Rider (Cool Savings)	Voluntary Renewable Energy Rider (Tail Winds)	WAPA Bill Crediting Program Rider	Reserved for Future Use	Bulk Interruptible Service	Economic Development Rate Rider - Large General Service
		Section Number	14.01	14.02	14.03	14.04	14.05	14.06	14.07	14.08	14.09	14.10	14.11	14.12
<b>RESIDENTIAL &amp; FARM SERVICES</b>														
Residential Service	9.01	✓			✓		✓	✓	✓	✓	✓			
Residential Demand Control Service (RDC)	9.02	✓							✓	✓	✓			
Farm Service	9.03	✓			✓		✓	✓	✓	✓	✓			
Reserved for Future Use	9.04													
<b>GENERAL SERVICES</b>														
Small General Service (Under 20 kW)	10.01	✓			✓		✓	✓		✓	✓			
General Service (20 kW or greater and less than 200 kW)	10.02	✓	✓		✓		✓	✓		✓	✓			
General Service - Time of Use (20 kW or greater and less than 200 kW)	10.03	✓									✓			
Large General Service	10.04	✓	✓	✓	✓		✓	✓		✓	✓		✓	✓
Large General Service - Time of Day	10.05	✓	✓	✓	✓		✓	✓		✓	✓		✓	✓
Super Large General Service	10.06	✓	✓	✓	✓		✓	✓		✓	✓		✓	
<b>OTHER SERVICES</b>														
Standby Service	11.01													
Irrigation Service	11.02									✓	✓			
Outdoor Lighting - Energy Only	11.03										✓			
Outdoor Lighting (CLOSED)	11.04										✓			
Municipal Pumping Service	11.05	✓	✓		✓		✓	✓		✓	✓			
Civil Defense - Fire Sirens	11.06												✓	
LED Street and Area Lighting	11.07										✓			

Key: ✓ = May apply   ■ = Mandatory   □ = Not Applicable



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North Dakota, Section 14.01  
ELECTRIC RATE SCHEDULE  
Water Heating Control Rider  
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Nineteenth Revision

## WATER HEATING CONTROL RIDER

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

**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:	\$5.00				
Monthly Minimum Bill:	Customer + Facilities Charge				
Facilities Charge per Month:	\$2.00				
Energy Charge per kWh:	<table><tr><td>Summer</td><td>Winter</td></tr><tr><td>3.813 ¢/kWh</td><td>3.950 ¢/kWh</td></tr></table>	Summer	Winter	3.813 ¢/kWh	3.950 ¢/kWh
Summer	Winter				
3.813 ¢/kWh	3.950 ¢/kWh				

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WATER HEATING CREDIT - 192	
An \$8.00 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.	

**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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Fergus Falls, Minnesota

North Dakota, Section 14.01  
ELECTRIC RATE SCHEDULE  
Water Heating Control Rider  
Page 2 of 2  
Seventeenth Revision

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**TERM AND CONDITIONS FOR RATE 191:** Service under rate 191 shall be supplied through a separate meter.

**TERMS AND CONDITIONS FOR RATE 192:** The Customer will be compensated for taking service on this rider by receiving a monthly bill credit. The credit will be applied to the Customer's account, except the credit shall not reduce the monthly billing to less than the Monthly Minimum Bill.

**CONTROL CRITERIA:** Service may be controlled for up to a total of 14 hours during any 24-hour period, as measured from midnight to midnight. Under normal circumstances the Company will schedule recovery time following control periods that approach 14 hours.

**DEFINITIONS OF SEASONS:**

Summer: June 1 through September 30.

Winter: October 1 through May 31.

**EQUIPMENT SUPPLIED:** The Company will supply and maintain the necessary standard metering and control equipment.

**DETERMINATION OF FACILITIES CHARGE:** An amount to be paid by the Customer in a fixed monthly amount for distribution facilities.

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North Dakota, Section 14.02  
ELECTRIC RATE SCHEDULE  
Real Time Pricing Rider  
Page 1 of 6  
Sixth Revision

## REAL TIME PRICING RIDER

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

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

**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.

**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 \$282.00 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) 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, except the Facilities Demand Charge will be calculated using each month's Measured Demand (adjusted for Reactive Demand) rather than the CBL Demand (Adjusted for Reactive Demand). 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  
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**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. The monthly bill is calculated using the following formula: C



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ELECTRIC RATE SCHEDULE  
Real Time Pricing Rider  
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<b>RTP Bill<sub>Mo</sub> = Adm. Charge + Std Bill<sub>Mo</sub> + Consumption Changes from CBL<sub>Hr</sub> + Excess Reactive Demand</b>
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**Where:**

RTP Bill <sub>Mo</sub>	= Customer's monthly bill for service under this Rider
Adm. Chg.	= See Administrative Charge section below
Std. Bill <sub>Mo</sub>	= See Standard Bill section above
Consumption Changes From CBL	= $\sum \{ \text{Price}_{\text{Hr}} \times \{ \text{Load}_{\text{Hr}} - \text{CBL}_{\text{Hr}} \} \}$
Excess Reactive Demand	= See Excess Reactive Demand section below
$\sum$	= 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> period	= 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.

C

**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.



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ELECTRIC RATE SCHEDULE  
Real Time Pricing Rider  
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2. Calendar Mapping of the Base-Year CBL to the RTP service year. L

To provide the Customer with the appropriate CBL for each day of the RTP service year, each day of the base-year CBL is calendar-mapped to the corresponding day of the RTP service year. Calendar-mapping is a day-matching exercise performed to assure that Mondays are matched to Mondays, Tuesdays are matched to Tuesdays, holidays to holidays, and so forth. Calendar-mapping also reflects Customer shutdown schedules. Calendar-mapping is performed prior to each year of RTP service, after any necessary adjustments (as defined below) are made to the CBL.

**CBL ADJUSTMENTS:** In order to assure that the CBL accurately reflects the Energy that the Customer would consume on its otherwise applicable rate schedule, adjustments to the CBL shall be made for:

1. The installation of permanent Energy efficiency measures or other verifiable conservation or technology efficiency improvement measures. At any time during the RTP service year, Customers can request that CBL adjustments be made to reflect efficiency improvements and that the adjustment coincide with the time of the installation or change-out. C
2. The permanent removal of Customer equipment or a change to operating procedures that results in a significant and permanent reduction of electrical load. At any time before or during the RTP service year, the Company will make adjustments to the CBL to coincide with the time that the equipment is removed or changes to operating procedures. C
3. The permanent addition of Customer equipment that has been or will be made prior to the *initial* RTP service year is based upon known changes in Customer usage and/or Demand that are not directly related to the introduction of RTP. C
4. One-time, extraordinary events such as a tornado or other natural causes or disasters outside the control of the Customer or the Company. In these cases, the Company will make adjustments to the CBL as warranted by the circumstance.



5. The permanent addition of Customer equipment after the initial RTP service year that requires the Company to install additional distribution capacity such as a larger or additional substation transformer, larger or additional distribution transformers, or larger distribution feeders, or other equipment changes needed to accommodate the new Customer load to be added. The Customer must make a formal request for additional contracted kVA capacity. The Company will determine the appropriate size of the new equipment to be installed. The Company will determine the total kW Demand to be added to the Customer's CBL that results from the request for additional kVA capacity. The CBL increase includes both a higher kW demand and additional energy that will be billed through the Customer's Standard Bill portion of the monthly RTP Bill. The amount of energy to be added will be determined by taking the annual load factor of the customer times the increased kW Demand. N

**CBL RECONTRACTING:** RTP Customers, at the time of initial subscription and during future re-subscription periods, shall select a recontracting Adjustment Factor that will be used in the CBL adjustment rule defined below for the next RTP service year. The Adjustment Factor shall be a number between zero and one inclusive. L

After taking service under the RTP rider for one full year, the CBL for the second (and subsequent) year(s) of RTP service will be based on both the CBL and the actual load. CBLs will be developed for subsequent years based upon the following general rule: L

$$CBL_{t+1} = CBL_t + \{ \text{Adjustment Factor} \times (\text{Actual load}_t - CBL_t) \}$$

**PRICE NOTIFICATION:** The Company shall make available to Customers, no later than 4:00 p.m. (Central Time) of the preceding day, hourly RTP prices for the next business day. Except for unusual periods where an outage is at high risk, the Company will make prices for Saturday through Monday available to Customers on the previous Friday. More than one-day-ahead pricing may also be used for the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas.

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



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North Dakota, Section 14.02  
ELECTRIC RATE SCHEDULE  
Real Time Pricing Rider  
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Original

The Company is not responsible for a Customer's failure to receive or obtain and act upon the hourly RTP prices. If a Customer does not receive or obtain the prices 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 prices are to take effect. The Company will be responsible for notifying the Customer if prices are revised.

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### **SPECIAL PROVISIONS:**

1. If there is a change in the legal identity of the Customer receiving service under this RTP rider, service shall be terminated unless the Company and the Customer make other mutually agreeable arrangements.
2. All equipment to be served must be of such voltage and electrical characteristics so that it can be served from the circuit provided for the main part of the load and so that the electricity used can be properly measured by the meter ordinarily installed on such a circuit. If the equipment is such that it is impossible to serve from existing circuits, the Customer must provide any necessary transformers, auto transformers, or any other devices so that connection can be made to the circuit provided by the Company.
3. If the Customer's actual load exceeds the CBL by an amount that requires the Company to install additional facilities to serve the Customer, or the Customer requests additional Capacity greater than the capability of the system at the time the Customer signed up for the RTP Rider, the Customer's CBL will be increased by the amount of the excess capacity as used or requested by the Customer that is in excess of the capability of the System. Excess Capacity is the Capacity above our System capability at the time the Customer initially took service under the RTP Rider or the most recent CBL adjustment as required by this Special Provision or any CBL Adjustments made through the CBL Adjustment Section of this tariff.

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North Dakota, Section 14.03  
ELECTRIC RATE SCHEDULE  
Large General Service Rider  
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Fourth Revision

## 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

**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.

**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, Facilities Demand, Firm Demand, On-Peak Baseline Demand and Off-Peak Baseline Demand. C

### **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. C

Baseline Demands assure the Customer a fixed price for Energy up to the Baseline Demand and the ability to purchase Energy above the Baseline Demand at rates set forth in the Customer's applicable rate schedule and/or a negotiated Energy rate subject to Commission approval.

NORTH DAKOTA PUBLIC  
SERVICE COMMISSION  
Case No. PU-23-  
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and after , in North Dakota

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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 14.03  
ELECTRIC RATE SCHEDULE  
Large General Service Rider  
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Third Revision

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**Energy:** A Customer's monthly rate for Energy will be determined in two parts: (1) Energy consumed up to and including the On-Peak Baseline Demand and Off-Peak Baseline Demand, and (2) Energy consumed above the On-Peak Baseline Demand and Off-Peak Baseline Demand. The price (rate) for Energy consumed up to and including the On-Peak Baseline Demand and Off-Peak Baseline Demand will be determined by multiplying the Customer's metered Energy consumption by the Energy rate provided in the rate schedule applicable to the Customer and/or a negotiated rate subject to Commission approval. The monthly rate for Energy consumed above the On-Peak Baseline Demand and Off-Peak Baseline Demand will be determined by multiplying the Customer's metered Energy consumption by the Energy rate provided in the rate schedule applicable to the Customer and/or a negotiated Energy rate subject to Commission approval.

**Demand:** A Customer's monthly rate for Demand shall be determined by multiplying the Customer's Billing Demand by the Demand rate provided in the rate schedule applicable to the Customer and/or a negotiated Demand rate subject to Commission approval.

### **SYSTEM MARGINAL 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 its Energy requirements up to the Baseline Demand at rates set forth in the Customer's applicable rate schedule. 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 the ability to purchase Energy above the Baseline Demand on a "real time" basis, which can be higher or lower than the rates set forth in the applicable rate schedule. Accordingly, a Customer can adjust its Energy consumption above the Baseline Demand according to the value the Customer places on that Energy in real-time. C

**Energy:** A Customer's monthly rate for Energy will be determined in two parts: (1) Energy consumed up to and including the On-Peak Baseline Demand and Off-Peak Baseline Demand, and (2) Energy consumed above the On-Peak Baseline Demand and Off-Peak Baseline Demand. The price (rate) for Energy consumed up to and including the On-Peak Baseline Demand and Off-Peak Baseline Demand will be determined by multiplying the Customer's metered Energy consumption by the Energy rate provided in the rate schedule applicable to the Customer. The monthly rate for Energy consumed above the On-Peak Baseline Demand and Off-Peak Baseline Demand will be determined by multiplying the Customer's metered Energy consumption by the Company's System Marginal Energy Price.

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**Compensation:** As compensation for the Released Capacity, the Customer shall receive a credit or payment during any billing month in which the Customer and the Company have cooperated to make a Released term Capacity sale, adjusted to take into account the Company's applicable administrative and other costs. Where the Company purchases the Released Capacity, the rate will be as negotiated between the Company and the Customer. No credit will be given to the Customer for any Energy sold by the Company under the Released Capacity, and the Customer will have no cost responsibility associated with the sale of such Energy. Where the Released Capacity is marketed by a third party, the compensation for such Released Capacity shall be as negotiated between the Customer, the Company and the third-party, and the Company shall be compensated for its efforts in assisting the Released Capacity transaction.

**Release Period:** The Release Period shall be either a Summer Season(s) or Winter Season(s), or combination thereof, unless otherwise agreed to by the Company and the Customer, but in no case will be less than one (1) month.

**Effect of Release Capacity:** By selling Released Capacity, the Customer agrees that its Firm Demand, as established in the ESA, will be reduced throughout the Release Period by the amount of Released Capacity. The Customer will continue to be billed for the Billing Demand established in the ESA.

**PENALTY FOR INSUFFICIENT LOAD CONTROL:** Upon notification from the Company, the Customer shall curtail its Demand to its Firm Demand, as adjusted to take into consideration any Marginal Capacity or Released Capacity. In the event the Customer fails to curtail its load as requested by the Company, the Customer will forfeit any compensation for that period, if any is due. In addition, the Customer shall be responsible for any and all costs and/or penalties incurred by the Company as result of the Customer's failure to curtail. The duration and frequency of curtailments shall be at the sole discretion of the Company unless otherwise provided in the ESA between the Company and the Customer.

**TRANSACTION COSTS:** Where the Company gives its best efforts to arrange either a Marginal Capacity purchase or Released Capacity sale but is nonetheless unable to find a market for the Customer, the Company is entitled to its associated transaction costs.

**NOTIFICATION REQUIRED BY CUSTOMER:** In order to improve the possibility there will be a market for the Released Capacity or Marginal Capacity available, the Customer shall provide notice of its intent to sell Released Capacity or purchase Marginal Capacity no later than six months before the start date of the next applicable Winter Season or Summer Season, the six-month requirement to be waived at the Company's discretion.



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**COMMUNICATION REQUIREMENTS:** The Customer agrees to use Company-specified communication requirements and procedures when submitting any offer for Released Capacity or Marginal Capacity. These requirements may include specific computer software and/or electronic communication procedures.

**METERING REQUIREMENTS:** Company approved metering equipment capable of providing load interval information is required for Rider participation. The Customer agrees to pay for the additional cost of such metering when not provided in conjunction with existing retail electric service.

**LIABILITY:** The Company and the Customer agree that the Company has no liability for indirect, special, incidental, or consequential loss or damages to the Customer, including but not limited to the Customer's operations, site, production output, or other claims by the Customer as a result of participation in this Rider.

**ENERGY ADJUSTMENT RIDER:** Energy consumed up to and including the On-Peak Baseline Demand and Off-Peak Baseline Demand is subject to the Energy Adjustment Rider as provided in Section 13, or any amendments or superseding provisions applicable thereto. Because Energy consumed above the On-Peak Baseline Demand and Off-Peak Baseline Demand is subject to the System Marginal Energy Price and calculated on a real-time basis, it is not subject to the Energy Adjustment Rider as provided for in Mandatory Riders, Section 13.

**CUSTOMER EQUIPMENT:** Customers taking service under this Rider shall provide equipment to maintain a power factor at a level no less than the level in which penalties would be invoked under the tariff, if applicable.

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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 14.04

**ELECTRIC RATE SCHEDULE  
Controlled Service – Interruptible Load  
Self-Contained and CT Metering Rider**

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Eleventh Revision

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

DESCRIPTION	RATE CODE	C
Self-Contained Metering		C
without Penalty	N190	L
with Penalty	N190P	L
Self-Contained Metering (with short-duration cycling)		L
without Penalty	N185	L
with Penalty	N185P	L
CT Metering without ancillary load		C
without Penalty	N170	C
with Penalty	N170P	C
CT Metering without ancillary load (short-duration cycling)		C
without Penalty	N165	C
with Penalty	N165P	C
CT Metering with ancillary load	N168C	C
CT Metering with ancillary load (short-duration cycling)	N169C	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 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 and may include approved Energy storage loads. 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 CT with ancillary load, will be interrupted during control periods. When service to the electric equipment on this rate is interrupted, the back-up system cannot be electric.

**CT without ancillary load:** 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.

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Self-Contained and CT Metering Rider  
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CT with ancillary load: 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.

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For CT Metering with ancillary load, 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.)

C

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>SELF-CONTAINED METERING</b>		N
<b>Customer Charge per Month:</b>	\$8.50	L
<b>Monthly Minimum Bill:</b>	Customer + Facilities Charge	L
<b>Facilities Charge per Month:</b>	\$11.70	L
<b>Energy Charge per kWh:</b>	<b>Summer</b> 1.457 ¢/kWh	<b>Winter</b> 1.263 ¢/kWh
<b>Penalty:</b>	18.412 ¢/kWh	20.847 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.		LR LR N N

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North Dakota, Section 14.04

**ELECTRIC RATE SCHEDULE  
Controlled Service – Interruptible Load  
Self-Contained and CT Metering Rider**

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<b>CT METERING WITHOUT ANCILLARY LOAD</b>		<b>LC</b>
<b>Customer Charge per Month:</b>	\$20.20	
<b>Monthly Minimum Bill:</b>	Customer + Facilities Charge	
<b>Facilities Charge per Month per annual maximum kW:</b>	\$2.12 /kW	<b>L LR</b>
	Summer	
<b>Energy Charge per kWh:</b>	1.388 ¢/kWh	<b>LR</b>
<b>Penalty:</b>	18.412 ¢/kWh	
20.847 ¢/kWh		<b>LR</b>
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.		<b>N N</b>

<b>CT METERING WITH ANCILLARY LOAD</b>		<b>LC</b>
<b>Customer Charge per Month:</b>	\$20.20	
<b>Monthly Minimum Bill:</b>	Customer + Facilities Charge	<b>L</b>
<b>Facilities Charge per Month per annual maximum kW:</b>	\$2.12 /kW	
	Summer	<b>L LR</b>
<b>Energy Charge per kWh:</b>	1.388 ¢/kWh	
<b>Control Period Demand Charge per kW:</b>	\$10.75 /kW	<b>LR</b>
1.203 ¢/kWh		
\$13.22 /kW		<b>LR</b>

**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. 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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North Dakota, Section 14.04  
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Controlled Service – Interruptible Load  
Self-Contained and CT Metering Rider  
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<b><u>PENALTY PERIODS – CT METERING WITHOUT ANCILLARY LOAD:</u></b>	Penalty periods are defined as periods when the Company signals to interrupt the Customer's load and the Customer's equipment does not shed the load. Installation of a dual register Meter will be at the option of the Company. When a dual register Meter is installed, penalty usage will be recorded on the peak register and the total register of the dual register Meters.	LC L L LC LC
	The penalty provision is not intended as a buy-through option. Under no circumstances should the penalty clause of this rider be interpreted as an approved buy-through option for service under this rider.	L L L
<b><u>CONTROL CRITERIA:</u></b>	Service may be controlled up to a total of 24 hours during any 24-hour period, as measured from midnight to midnight. Exceptions to this control are a) Short-duration cycling is approximately 15 minutes off/15 minutes on of appropriate cooling equipment during the extended Summer cooling Season (May-October), and b) Domestic water heating may be controlled up to 14 hours in the 24-hour period.	L LC L LC LC
<b><u>DETERMINATION OF FACILITIES CHARGE – ALL CT METERING:</u></b>	The monthly measured Demand will be based on the maximum 15 consecutive minute period measured by a suitable Demand Meter for the month for which the bill is rendered. The Facilities Charge Demand shall be based on the greatest of the current and preceding 11 monthly measured Demands.	LC LC LC LC LC
<b><u>DETERMINATION OF CONTROL PERIOD DEMAND – ONLY CT METERING WITH ANCILLARY LOAD:</u></b>	The Billing Demand measured during the control period for which the bill is rendered shall be the maximum metered kW for any period of 15 consecutive minutes during the control period.	LC LC L L
<b><u>EQUIPMENT SUPPLIED:</u></b>	The Company will supply and maintain the necessary standard metering and control equipment.	L L

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Fergus Falls, Minnesota

North Dakota, Section 14.05  
ELECTRIC RATE SCHEDULE  
CANCELLED - Controlled Service – Interruptible Load  
Self-Contained Metering Rider (Small Dual Fuel)  
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Twenty-second Revision

\*\*\*CANCELLED – Combined with Section 14.04\*\*\*  
**CONTROLLED SERVICE - INTERRUPTIBLE LOAD**  
**SELF-CONTAINED METERING RIDER**  
(Commonly identified as Small Dual Fuel)

N

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

**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 and may include approved Energy storage loads. 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 equipment on this rate is interrupted, the back-up 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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Fergus Falls, Minnesota

North Dakota, Section 14.05  
ELECTRIC RATE SCHEDULE  
CANCELLED - Controlled Service – Interruptible Load  
Self-Contained Metering Rider (Small Dual Fuel)  
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Twenty-third Revision

**RATE:**

<b>CONTROLLED SERVICE - INTERRUPTIBLE LOAD – SELF-CONTAINED</b>	
<b>Customer Charge per Month:</b>	\$8.50
<b>Monthly Minimum Bill:</b>	Customer + Facilities Charge
<b>Facilities Charge per Month:</b>	\$11.70
	<b>Summer</b> <b>Winter</b>
<b>Energy Charge per kWh:</b>	0.911    ¢/kWh      0.850    ¢/kWh
<b>Penalty</b>	41.350    ¢/kWh      17.038    ¢/kWh

**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.

**DEFINITIONS OF SEASONS:**

Summer: June 1 through September 30.

Winter: October 1 through May 31.

**PENALTY PERIODS:** Penalty periods are defined as periods when the Company signals to interrupt the Customer's load and the Customer's equipment does not shed the load. Penalty usage will be recorded on the peak register and the total register of the dual register meters. Installation of a dual register meter will be at the option of the Company.

The penalty provision is not intended as a buy-through option. Under no circumstances should the penalty clause of this rider be interpreted as an approved buy-through option for service under this rider.

**CONTROL CRITERIA:** Service may be controlled up to a total of 24 hour during any 24-hour period, as measured from midnight to midnight. Short-duration cycling is approximately 15 minutes off / 15 minutes on of appropriate cooling equipment during the summer season (June 1-September 30). Domestic water heating may be controlled up to 14 hours in the 24-hour period.

**EQUIPMENT SUPPLIED:** The Company will supply and maintain the necessary standard metering and control equipment.

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Fergus Falls, Minnesota

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ELECTRIC RATE SCHEDULE  
Reserved for future Use

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**SECTION 14.05 RESERVED FOR FUTURE USE**

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North Dakota, Section 14.05  
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Twenty-fourth Revision

**SECTION 14.05 RESERVED FOR FUTURE USE**

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**NORTH DAKOTA PUBLIC  
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Fergus Falls, Minnesota

North Dakota, Section 14.06  
ELECTRIC RATE SCHEDULE  
Controlled Service – Deferred Load Rider  
(Thermal Storage)  
Page 2 of 3  
Twelfth Revision

## **RATE:**

<b>CONTROLLED SERVICE - DEFERRED LOAD</b>		
<b>Customer Charge per Month:</b>		\$10.00
<b>Monthly Minimum Bill:</b>		Customer + Facilities Charge
<b>Facilities Charge per Month:</b>		\$11.60
<b>Energy Charge per kWh:</b>	Summer	Winter
	4.346 ¢/kWh	3.190 ¢/kWh
<b>Penalty</b>	17.726 ¢/kWh	18.221 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.		N
		N

**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.

## **DEFINITIONS OF SEASONS:**

Summer: June 1 through September 30.

Winter: October 1 through May 31.

**PENALTY PERIODS:** Penalty periods are defined as periods when the Company signals to interrupt the Customer's load and the Customer's equipment does not shed the load. Penalty usage will be recorded on the peak register and the total register of the dual register meters. Installation of a dual register meter will be at the option of the Company.

The penalty provision is not intended as a buy-through option. Under no circumstances should the penalty clause of this rider be interpreted as an approved buy-through option for service under this rider.

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North Dakota, Section 14.06  
ELECTRIC RATE SCHEDULE  
Controlled Service – Deferred Load Rider  
(Thermal Storage)  
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Tenth Revision

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**CONTROL CRITERIA:** Service may be controlled for up to a total of 14 hours during any 24-hour period, as measured from midnight to midnight. Under normal circumstances the Company will schedule recovery time following control periods that approach 14 continuous hours. Short-duration cycling will be approximately 15 minutes off/15 minutes on of appropriate cooling equipment during the summer season (June 1-September 30).

**EQUIPMENT SUPPLIED:** The Company will supply and maintain the necessary standard metering and control equipment.

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**FIXED TIME OF SERVICE RIDER**  
(Commonly identified as Fixed TOS)

C

DESCRIPTION	RATE CODE
Fixed Time of Service – Self-Contained Metering	N301
Fixed Time of Service – Self-Contained Metering with Penalty	N301P
Fixed Time of Service – CT Metering	N302
Fixed Time of Service – CT Metering with Penalty	N302P
Fixed Time of Service – Primary CT Metering	N303
Fixed Time of Service – Primary CT Metering with Penalty	N303P

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

**AVAILABILITY:** This rider is available to Customers with permanently connected thermal storage space heating or cooling technologies, or approved Energy storage technologies such as an electric vehicle that are designed and installed with the capability to be operated under the limitation and terms of this rider. Rider threshold determinations will be made based on connected load and service level and will be independent of actual registered Demand or Energy usage.

**RATE:**

FIXED TIME OF SERVICE - Self-Contained Metering			
Customer Charge per Month:			\$10.00
Monthly Minimum Bill:			Customer + Facilities Charge
Facilities Charge per Month:			\$6.00
Energy Charge per kWh:	Summer		Winter
	1.560 ¢/kWh		2.056 ¢/kWh
Penalty:	7.432 ¢/kWh		7.601 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.			

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Fergus Falls, Minnesota

North Dakota, Section 14.07  
ELECTRIC RATE SCHEDULE  
Fixed Time of Service Rider  
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<b>FIXED TIME OF SERVICE - CT Metering</b>		
<b>Customer Charge per Month:</b>		\$10.00
<b>Monthly Minimum Bill:</b>		Customer + Facilities Charge
<b>Facilities Charge per Month:</b>		\$38.00
	Summer	Winter
<b>Energy Charge per kWh:</b>	1.560 ¢/kWh	2.056 ¢/kWh
<b>Penalty:</b>	7.432 ¢/kWh	7.601 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.		

<b>FIXED TIME OF SERVICE – Primary CT Metering</b>		
<b>Customer Charge per Month:</b>		\$10.00
<b>Monthly Minimum Bill:</b>		Customer + Facilities Charge
<b>Facilities Charge per Month:</b>		\$18.00
	Summer	Winter
<b>Energy Charge per kWh:</b>	1.554 ¢/kWh	2.048 ¢/kWh
<b>Penalty:</b>	7.432 ¢/kWh	7.601 ¢/kWh
During the Penalty Period, kWhs used will be measured and billed at the Energy Charge and Penalty listed above.		

**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.

**DEFINITIONS OF SEASONS:**

Summer: June 1 through September 30.

Winter: October 1 through May 31.

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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 14.07  
ELECTRIC RATE SCHEDULE  
Fixed Time of Service Rider  
Page 3 of 3  
Ninth Revision

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**PENALTY PERIODS:** Penalty periods are defined as periods when the Company signals to interrupt the Customer's load and the Customer's equipment does not shed the load. Penalty usage will be recorded on the peak register and the total register of the dual register meters. Installation of a dual register meter will be at the option of the Company.

The penalty provision is not intended as a buy-through option. Under no circumstances should the penalty clause of this rider be interpreted as an approved buy-through option for service under this rider.

**CONTROL CRITERIA:** The Customer will receive electric service from 10:00 p.m. until 6:00 a.m. each day. In all other hours, the Customer's load will be controlled.

**EQUIPMENT SUPPLIED:** The Company will supply and maintain the necessary standard metering and control equipment.

**DETERMINATION OF FACILITIES CHARGE:** An amount to be paid by the Customer in a fixed monthly amount for distribution facilities sized on the basis of the Customer's design (rather than metered) demand.

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NORTH DAKOTA PUBLIC  
SERVICE COMMISSION  
Case No. PU-23-  
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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

North Dakota, Section 14.08  
ELECTRIC RATE SCHEDULE  
Air Conditioning Control Rider  
(CoolSavings)  
Page 1 of 2  
Second Revision

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

DESCRIPTION	RATE CODE
Air Conditioning Control Rider	N760
Commercial Air Conditioning Control Rider	N762

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

**AVAILABILITY:** This rider is voluntary, available to Residential, Residential service associated with a Farm and Commercial Customers only with central cooling equipment, including heat pumps. The Commercial Air Conditioning Control Rider is available to Customers taking service under Sections 10.01 and 10.02. C

The rider will not be available to Customers, as determined by the Company, when the installation of load management devices is impractical. Such reasons for not installing the equipment include, but are not limited to, oversized/undersized central air conditioning equipment or abnormal utilization of equipment including vacation or other limited occupancy situations.

### **COMPENSATION:**

AIR CONDITIONING CONTROL CREDIT – N760	
Monthly Credit: \$8.00 (Extended Summer Cooling Season Only)	

RC

COMMERCIAL AIR CONDITIONING CONTROL CREDIT – N762	
Monthly Credit: \$6.00 per ton (Extended Summer Cooling Season only)	

RC

**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.

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North Dakota, Section 14.08  
ELECTRIC RATE SCHEDULE  
Air Conditioning Control Rider  
(CoolSavings)  
Page 2 of 2  
First Revision

## **TERMS AND CONDITIONS:**

1. Extended Summer Cooling 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. Extended Summer Cooling Season is the months of May through October. Customers will be compensated for only 5 of the 6 months during the extended cooling season. C  
C  
CN  
N
2. The Company will install, own, and maintain the standard load management devices controlling the Customer's central cooling equipment. The Customer shall be responsible for any additional costs for the installation of non-standard facilities associated with the Company's load management control devices. C
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. CN
4. The Company has the right to test the function of the load management devices at any time. N
5. The Customer must agree to allow the Company to control all central cooling equipment at the location of service. N
6. Commercial Only (N762): Single and dual stage central air conditioning will be cycled on a 15-minute on/off schedule to achieve a 50% reduction in the building air conditioning requirements during a load management period. Dual stage air conditioners will be allowed to have the first stage run without interruption while the second stage will be shut off for the entire load management period. N

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Fergus Falls, Minnesota

North Dakota, Section 14.12  
ELECTRIC RATE SCHEDULE  
Bulk Interruptible Service  
Page 1 of 1  
Eighth Revision

## BULK INTERRUPTIBLE SERVICE APPLICATION AND PRICING GUIDELINES

DESCRIPTION	RATE CODE
Bulk Interruptible Service	N680

**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.

**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).

**FACILITIES CHARGE DETERMINATION:** A fixed charge will be established to recover the Company's investment related costs. Customers served under this rate shall pay a fixed charge according to the language set forth in Section 5.02, Special Facilities. C  
C  
C

**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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Fergus Falls, Minnesota

North Dakota, Section 14.13  
ELECTRIC RATE SCHEDULE  
**Economic Development Rate Rider – Large General Service**  
**Applications and Eligibility Requirements**

Page 1 of 3  
Second Revision

## ECONOMIC DEVELOPMENT RATE RIDER

DESCRIPTION	RATE CODE
Secondary Service	N690
Primary Service	N691
Transmission Service	N692

**RULES AND REGULATIONS:** The use of this electric rate schedule is also governed by the General Rules and Regulations.

**APPLICATION OF RIDER:** This rider is applicable to the following Large General Service customers served on Section 10.04 & 10.05:

- (i) Greenfield customers with: expected metered demand of at least 500 kW at a single metering point, and Seasonal Load Factor that is above the seasonal system average load factor and above the seasonal class average load factor corresponding to existing customers under the otherwise applicable rate code.
- (ii) Existing customers with: metered demands of at least 1,000 kW that increase measured demand by at least 500 kW at a single new metering point, and Seasonal Load Factor above the seasonal system average load factor and above the seasonal class average load factor under the otherwise applicable rate code.

**SCOPE OF RIDER:** To attract, by offering a Rate Discount, new customer load that provides net benefits to ratepayers.

**RATE DISCOUNT:** To be specified in each Customer's contract, in the form of a discount percentage from the applicable rate code (Section 10.04 or 10.05), plus Mandatory Riders.

**TERMS AND CONDITIONS:** The Company will offer the Customer the Rate Discount under the following terms:

1. The minimum rate under this schedule shall recover at least the incremental cost of providing the service, including any energy-related marginal costs plus the cost of additional generation capacity or network capacity that is to be added while the rate is in effect, and any marginal

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Fergus Falls, Minnesota

North Dakota, Section 14.13  
ELECTRIC RATE SCHEDULE  
**Economic Development Rate Rider – Large General Service**  
**Applications and Eligibility Requirements**

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First Revision

customer-related costs. The goal of this calculation is to establish a floor price to ensure that the revenue requirement of other Customers will not increase due to the addition of the new load.

2. The rate after Rate Discount offered to the Customer under this rate schedule shall not exceed the company's standard tariff and all applicable riders and shall not be lower than incremental costs as described in the preceding paragraph. C
3. The Company will utilize the Economic Development Rate Model (EDRM) to compare expected revenues from the prospective Customer and expected costs of serving the added load over the time period described in item 4. of these terms and conditions. The EDRM will be made available only to the Commission to verify the calculations used to establish the rate quote and Rate Discount offered to the Customer. C
4. The contract term for a Customer who meets all requirements under this rate schedule must be no less than one year and no longer than five years commencing the first day of commercial operations. C
5. The contract will indicate the Rate Discount percent level during each year of the 1 to 5-year period for the particular customer. The stated Rate Discount will be an annual discount percentage to be applied to the Large General Service rate and Mandatory and Voluntary Riders. C
6. Customers who do not meet the 3-year minimum revenue guarantee as per OTP's line extension policy will not qualify for this rate schedule. C
7. The Company will not need to verify, nor will customers served on this rate schedule need to demonstrate the creation of a minimum number of jobs upon adding the new load. C
8. Customer will allow Company to undertake an energy efficiency audit of the facility. C
9. The Company will provide the Commission the current version of the EDRM and total annual value of Rate Discounts given with its Annual Jurisdictional Report to the Commission. C

**REVIEW AND APPROVAL PROCESS:**

1. Company will compute a Rate Discount using the EDRM.
2. Company will provide to Commission a copy of the EDRM with inputs used and the Rate Discount result for Commission Staff confirmation of the inputs and calculation.

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ELECTRIC RATE SCHEDULE  
**Economic Development Rate Rider – Large General Service**  
**Applications and Eligibility Requirements**

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First Revision

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3. Following confirmation, Company may notify the prospective Customer of the potential Rate Discount.
4. The Customers contract, inclusive of Rate Discount, will be filed with the Commission for approval.

**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. N  
N  
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Fergus Falls, Minnesota

North Dakota, Section 15.00  
ELECTRIC RATE SCHEDULE  
Communities Served  
Page 1 of 2  
Tenth Revision

**RETAIL ELECTRIC SERVICE TO COMMUNITIES**  
(*Alphabetically listed by city name.*)

\* Denotes Customer Service Center

**NORTH DAKOTA**

<u>A</u>	<u>C</u>	<u>Dunseith</u>	<u>Goodrich</u>
Abercrombie	Calio	Dwight	Grand Rapids
Absaraka	Calvin		Granville
Adams	Carbury	Eckelson	Great Bend
Alice	Carrington	Edgeley	Gwinner
Alsen	Casselton	Edinburg	
Amenia	Cathay	Edmore	<u>H</u>
Anamoose	Cayuga	Egeland	Hamar
Aneta	Chaseley	Eldridge	Hamberg
Antler	Christine	Emrick	Hamilton
Ardoch	Churchs Ferry	Enderlin	Hampden
Ayr	Cleveland	Erie	Hankinson
<u>B</u>	<u>Clifford</u>	<u>Esmond</u>	<u>Hannah</u>
Balfour	Clyde		Harvey
Barney	Cogswell	<u>F</u>	Hastings
Bartlett	Coleharbor	Fairdale	Havana
Barton	Colgate	Fairmount	Heaton
Bathgate	Cooperstown	Falkirk	Hensel
Belcourt	Courtenay	Fessenden	Hoople
Benedict	Crary	Fingal	Hoving
Bergen	Crystal	Finley	Hurdsfield
Berlin		Fordville	
Berwick	<u>D</u>	Forest River	<u>I</u>
Binford	Davenport	Forman	Inkster
Bisbee	Dazey	Fort Totten	
Bordulac	Deering		<u>J</u>
Bottineau	Denhoff	<u>G</u>	Jamestown (*)
Bowdon	Devils Lake (*)	Gackle	Jessie
Brampton	Dickey	Galchutt	Jud
Brinsmade	Douglas	Galesburg	
Brocket	Doyon	Gardena	<u>K</u>
Buffalo	Drake	Garrison (*)	Karlsruhe
Butte	Drayton	Garske	Karnak
	Dresden	Geneseo	Kathryn
	Dunning	Gilby	Kensal
		Glenburn	Kief
			Kindred

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North Dakota, Section 15.00  
**ELECTRIC RATE SCHEDULE**  
**Communities Served**  
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 Tenth Revision

Kloten	Michigan	Pillsbury	Towner	L
Knox	Millarton	Pisek	Turtle Lake	L
Kramer	Milnor	Plaza	Tuttle	
Kuroki	Milton		Tyler	
	Minnewauken	<u>R</u>		
<u>L</u>	Minto	Regan	<u>U</u>	
Lakewood	Montepelier	Rocklake	Underwood	C
LaMoure	Mooreton	Rogers	Upham	
Landa	Mountain	Rolette		V
Langdon	Munich	Rolla	Velva	
Lankin	Mylo	Roth	Verona	
Lansford		Rugby (*)	Voltaire	
Lawton		Russell		<u>W</u>
Leal	<u>N</u>	Rutland	Wabek	
Leeds	Neche	Ryder	Wahpeton (*)	
Lidgerwood	Nekoma		Walcott	
Lisbon	Newburg	<u>S</u>	Wales	
Litchville	New Rockford	St. John	Walhalla	
Luverne	Niagara	St. Thomas	Walum	
	Nolan	Sanborn	Warwick	
<u>M</u>	Nome	Sarles	Washburn	
McCanna	Nortonville	Sawyer	Webster	
McClusky	Norwich	Selz	Westhope	
McVille		Sheldon	Wheatland	
Makoti	<u>O</u>	Sheyenne	Willow City	
Manfred	Oakes (*)	Sibley	Wilton	
Mantador	Oberon	Simcoe	Wimbledon	
Manvel	Oriska	Souris	Windsor	
Mapes	Orr	Spiritwood	Wing	
Mapleton	Osnabrock	Starkweather	Wolford	
Marion		Streeter	Wyndmere	
Martin	<u>P</u>	Surrey	<u>Y</u>	
Max	Page	Sykeston	York	
Maxbass	Parshall			
Medina	Pekin	<u>T</u>		
Melville	Pembina	Tokio		
Mercer	Penn	Tolna		
	Perth	Tower City		

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