

**NORTH DAKOTA
RATE CASE
2017**

Otter Tail Power Company
Before the
North Dakota Public Service Commission

Application for Authority to
Increase Electric Rates in North Dakota
Case No. PU-17-
November 2, 2017

Volume 1
Notice of Change in Rates - Interim Rate Petition



Volume 1

Index

Otter Tail Power Company
North Dakota General Rate Case Documents
Case No. PU-17-

Volume

1 Notice of Change in Rates – Interim Rate Petition

Index
Filing Letter
Notice of Change in Rates
Alternative Petition for Interim Rates
Interim Supporting Schedules and Workpapers
Summary of Present and Interim Revenue
Interim Tariff Sheets – Legislative
Interim Tariff Sheets – Non-Legislative

2A Direct Testimony and Supporting Schedules

Index

Bruce G. Gerhardson

Policy

Stuart D. Tommerdahl

Capital Projects

Corporate Costs

ADIT Proration

Bryce C. Haugen

Rider Roll in

Gina S. Ice

Jurisdictional and Class Allocators

Class Cost of Service Study

Class Revenue Responsibilities

Tyler A. Akerman

Rate Base

Operating Statement

Capital Budgeting Process

Christine L. Petersen

Budget Process

Operations and Maintenance Expenses

Pension and Post Employment Expenses

2B Direct Testimony and Supporting Schedules

Index

Kevin G. Moug

Financial Soundness

Capital Structure

Cost of Capital

Robert B. Hevert

Return on Equity

Kirk A. Phinney

Big Stone AQCS and Hoot Lake MATS Capital Projects

David G. Prazak

Rate Design

Otter Tail Power Company
North Dakota General Rate Case Documents
Case No. PU-17-

Volume

2C Direct Testimony and Supporting Schedules

Index

Brian H. Draxten

Sales and Revenue Forecast

Peter E. Wasberg

Employee Compensation

2D Proposed Legislative and Non-Legislative Tariff Sheets

Index

Proposed Tariff Sheets – Legislative

Proposed Tariff Sheets – Non-Legislative

3 Supporting Information

Index

Supporting Information

- A. Jurisdictional Financial Summary Schedules
 - 1. Summary of Revenue Requirements – 2018 Test Year
 - 2. Summary of Revenue Requirements – Jurisdictional
- B. Rate Base Schedules
 - 1. Rate Base Summary
 - 2. Rate Base Components – 2018 Test Year
 - 3. Rate Base Components - 2018 Test Year to Most Recent General Rate Case
 - 4. Cash Working Capital
 - 5. Rate Base Adjustments
 - 6. Summary of Approaches and Assumptions Used
 - 7. Rate Base Jurisdictional Allocation Factors
- C. Operating Income Schedules
 - 1. Jurisdictional Statement of Operating Income
 - 2. Statement of Operating Income - Jurisdictional
 - 3. Statement of Operating Income – 2018 Test Year
 - 4. Statement of Operating Income – 2018 Test Year to Most Recent General Rate Case
 - 5. Computation of Federal and State Income Taxes
 - 6. Computation of Deferred Income Taxes
 - 7. Development of Federal and State Income Tax Rates
 - 8. Operating Income Statement Adjustments Schedule
 - 9. Summary of Approaches and Assumptions Used
 - 10. Operating Income Statement Allocation Factors
- D. Rate of Return / Cost of Capital Schedules
 - 1. Summary Schedule
 - 2. Cost of Long-Term Debt
 - 3. Cost of Short-Term Debt
 - 4. Common-Equity

Otter Tail Power Company
North Dakota General Rate Case Documents
Case No. PU-17-

Volume

- 3**
 - E. Rate Structure and Design Information
 - 1. Test Year 2018 Operating Revenue Summary Comparison
 - 2. Test Year 2018 Operating Revenue Detailed Comparison
 - 3. Class Cost of Service Study
 - F. Other Supplemental Information
 - 1. Annual Report
 - 2. Gross Revenue Conversion Factor

4A Work Papers

Index

- A. 2018 Test Year Workpapers
 - 1. Jurisdictional Cost of Service Study (JCOSS)
 - 2. Class Cost of Service Study (CCOSS)
 - 3. Functionalization
 - 4. Input Summary
 - 5. 2018 Test Year Adjustments
 - TY-01 – Normalized Plant in Service
 - TY-02 – Rate Case Expenses
 - TY-03 – Normalized Plant Outage
 - TY-04 – Removal of PTC's
 - TY-05 – Economic Development
 - TY-06 – Prorate ADIT
- B. 2018 Base Year Workpapers
 - 1. Jurisdictional Cost of Service Study (JCOSS)
 - 2. Functionalization
 - 3. Input Summary
 - 4. Work Papers A-D, ND
- C. Interim Cost of Service Study
- D. Hevert Cost of Capital Workpapers

4B Lead Lag Study

Index

Lead Lag Study

5 Budget Documentation

Index

O&M Budget Process

Capital Budget Process

Volume 1
Filing Letter

215 South Cascade Street
PO Box 496
Fergus Falls, Minnesota 56538-0496
218 739-8200
www.otpc.com (web site)



November 2, 2017

Darrell Nitschke
Director of Administration/Executive Secretary
North Dakota Public Service Commission
600 East Boulevard, Dept. 408
Bismarck, ND 58505-0480

**RE: In the Matter of the Application of Otter Tail Power Company for Authority to Increase Rates for Electric Service in North Dakota
Notice of Change in Rates for Electric Service**

Dear Mr. Nitschke:

Pursuant to North Dakota Century Code, §49-05-05, Otter Tail Power Company (Otter Tail, OTP or Company), submits an original and ten (10) copies of a Notice of Change in Rates for Electric Service (the Notice). The Notice was also provided by email to ndpsc@nd.gov. The rate and tariff changes proposed in this Notice, including proposed revisions to the Transmission Cost Recovery Rider (TCRR), Renewable Resource Adjustment Rider (RRAR) and Environmental Cost Recovery Rider (ECRR) to reduce the rate of return and modify allocation factors, would result in an annual increase of non-fuel base electric revenues of \$13,138,372 or 8.72 percent. Without adjusting the TCRR, RRAR and ECRR to reduce the rate of return and modify allocation factors, the rate and tariff changes proposed in this Notice would result in an annual increase of non-fuel base electric revenues of \$15,715,320, or 10.61 percent. The rate and tariff changes proposed in this Notice would be effective for electric service on and after December 2, 2017, or upon final approval if the rates are suspended. The test year for the proposed increase is the calendar year ending December 31, 2018, with appropriate forecast test year adjustments.

Also included with this Notice is an Alternative Petition for Interim Rates, should the Commission elect to suspend the Company's proposed rates. Pursuant to N.D. Cent. Code, §49-05-06, subd. 2, interim rates would be effective January 1, 2018.

This Notice has been organized into the following sections and supporting testimony:

Volume

1 Notice of Change in Rates – Interim Rate Petition

Index
Filing Letter
Notice of Change in Rates
Alternative Petition for Interim Rates
Interim Supporting Schedules and Workpapers
Summary of Present and Interim Revenue
Interim Tariff Sheets – Legislative
Interim Tariff Sheets – Non-Legislative

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Index
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Stuart D. Tommerdahl
Capital Projects
Corporate Costs
ADIT Proration
Bryce C. Haugen
Rider Roll in
Gina S. Ice
Jurisdictional and Class Allocators
Class Cost of Service Study
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Tyler A. Akerman
Rate Base
Operating Statement
Capital Budgeting Process
Christine L. Petersen
Budget Process
Operations and Maintenance Expenses
Pension and Post Employment Expenses

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Index
Kevin G. Moug
Financial Soundness
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Cost of Capital
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Rate Design

Volume

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Index

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Proposed Tariff Sheets – Non-Legislative

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Index

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 - 3. Rate Base Components – 2018 Test Year to Most Recent General Rate Case
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 - 3. Cost of Short-Term Debt
 - 4. Common-Equity

Volume

- 3**
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 - 2. 2018 Test Year Operating Revenue Detailed Comparison
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Index

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 - 4. Input Summary
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 - 2. Functionalization
 - 3. Input Summary
 - 4. Work Papers A-D, ND
- C. Interim Cost of Service Study
- D. Hevert Cost of Capital Workpapers

4B Lead Lag Study

Index

Lead Lag Study

5 Budget Documentation

Index

O&M Budget Process

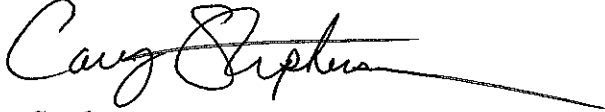
Capital Budget Process

Mr. Nitschke
November 2, 2017
Page 5

Pursuant to N.D.C.C. §49-05-04, Otter Tail has enclosed an application fee of \$175,000.00. The Company has also provided a filing fee of \$50.00 in accordance with N.D.C.C. § 49-05-05.

If you have any questions regarding this filing, please contact me at 218-739-8956 or cstephenson@otpc.com.

Sincerely,

A handwritten signature in cursive script, appearing to read "Cary Stephenson", with a long horizontal line extending to the right.

Cary Stephenson
Associate General Counsel
Otter Tail Power Company

cc: Jerry Lien

Enclosures
By electronic filing and personal delivery

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

Case No. PU-17-

In the Matter of the Application of
Otter Tail Power Company for Authority
to Increase Rates for Electric Service
in North Dakota

Affidavit of Bruce Gerhardson

I, the undersigned, being first duly sworn, on oath depose and say the following:

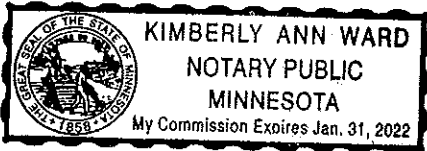
1. I am the Vice President Regulatory Affairs for Otter Tail Power Company (OTP or the Company), the applicant herein;
2. I have read the Company's Notice of Change of Rates for Electric Service and the Alternative Petition for Interim Rates, and I believe all the statements therein to be true and correct;
3. I have been duly authorized by OTP to submit The Notice of Change of Rates for Electric Service and the Alternative Petition for Interim Rates on behalf of the Company.


Bruce Gerhardson

Subscribed and sworn before me, this 1st day of November 2017.



Notary Public



Volume 1

Notice of Change in Rates

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

Case No. PU-17-____

In the Matter of Application of Otter Tail
Power Company For Authority to Increase
Rates for Electric Service in North Dakota

**NOTICE OF CHANGE IN RATES FOR
ELECTRIC SERVICE**

I. INTRODUCTION

Pursuant to N.D.C.C. § 49-05-05 and N.D. Admin. Code § 69-09-02-01, Otter Tail Power Company (OTP or the Company) hereby provides notice (the Notice) to the North Dakota Public Service Commission (the Commission) of the Company's intent to change electric service rates and tariffs contained in the Company's North Dakota Electric Rate Book effective December 2, 2017, thirty days after the date of this filing. If the Commission suspends the proposed revised rates and tariffs within 30 days of this Notice, the Company requests that the Commission issue an order granting interim rate relief effective January 1, 2018, without a hearing, pursuant to N.D.C.C. § 49-05-06, subd. 2. A separate Alternative Petition for Interim Rates is submitted with this Notice.

The rate and tariff changes proposed in this Notice, including proposed revisions to the Transmission Cost Recovery Rider (TCRR), Renewable Resource Adjustment Rider (RRAR) and Environmental Cost Recovery Rider (ECRR) to reduce the rate of return and modify allocation factors, would result in an annual increase of non-fuel base electric revenues of \$13,138,372 or 8.72 percent. Without adjusting the TCRR, RRAR and ECRR to reduce the rate of return and modify allocation factors, the rate and tariff changes proposed in this Notice would result in an annual increase of non-fuel base electric revenues of \$15,715,320, or 10.61 percent. The rate and tariff changes proposed in this Notice are based on a 2018 forecast test year.

The rate and tariff changes proposed in this Notice also reflect OTP's compliance with the Commission's Order in Cases No. PU-08-862 and 08-742 to transition fuel and purchase power costs that are currently recovered in base rates to the Energy Adjustment Rider (also called the Fuel Clause Adjustment or FCA). If adopted, the transition would offset the increase in non-fuel base rates. In total, the rate and tariff changes proposed in this Notice, including revisions to the Transmission Cost Recovery Rider, Renewable Resource Cost Recovery Rider, and Environmental Cost Recovery Rider and the removal of fuel and purchased power costs from base rates, would result in an annual decrease of base electric revenues of \$12,734,647, or 9.89 percent.

If the Commission suspends the foregoing rate increase, OTP seeks an interim rate increase of \$12,800,479 effective January 1, 2018, to be applied as a uniform 10.44 percent increase to base rate components of customers' bills, as more fully described in the Alternative Petition for Interim Rates.

The rates and tariffs being revised are provided in Volume 2D, and consist of the amended tariffs in legislative (red-line) and regular formats. These tariff changes are supported by the Direct Testimony of OTP witness Mr. David G. Prazak provided with this Notice. The proposed rates would affect the Company's service to all of its approximately 59,000 retail electric customers in the State of North Dakota.

A. Need for Rate Increase

The Company last sought a general rate increase in Case No. PU-08-862, filed in November 2008, based a historic 2007 test year. Since then, OTP has experienced increased operating expenses and costs driven by the Company's investments in generation, transmission, and distribution infrastructure. These cost increases cannot be offset on a sustained basis by customer or sales growth or other cost reduction efforts.

The proposed rate increase is needed so the Company has a reasonable opportunity to earn a fair and just return for its North Dakota electric operations. The proposed rate increase also provides the Company a solid foundation for the future, supporting the Company's efforts to make technology infrastructure investments. The return on equity (ROE) approved by the Commission in the Company's most recent general electric rate filing (Case No. PU-08-862) was 10.75 percent. The Direct Testimony of OTP witness Mr. Robert B. Hevert filed with this Notice

supports an ROE of 10.30 percent. OTP witness Mr. Bruce G. Gerhardson provides a summary of the need for a rate increase in his Direct Testimony.

B. Proposed Cost Allocation and Rate Design

Schedules E-1 and E-2, found in Volume 3 of this filing, provide an estimate of the number of customers whose cost of service will be affected and the proposed annual increase or decrease in revenues by class. Mr. Prazak discusses the objectives that guided the Company's proposed rate design in his Direct Testimony. The proposed rate changes, effective December 2, 2017, if not suspended, transition recovery of the cost of fuel from base rates to recovery entirely through the Fuel Cost adjustment provision of the Company's North Dakota Electric Rate Book.

C. The Proposed Rate Change Would Serve the Public Interest

Because the rate increase would allow the Company to recover its reasonable cost of service and establish a fair allocation of the increase among the various customer classes, the proposed rate increase does not unreasonably discriminate between the Company's customers or customer classes, and does not violate any Commission laws or rules. The proposed rates would thus serve the public interest and should be effective December 2, 2017, as proposed. In the alternative, the Commission should allow the Company to implement interim rates effective January 1, 2018, until final base rates are placed into effect.

II. REQUIRED FILING INFORMATION

A. Name and Address of Applicant

Otter Tail Power Company
215 South Cascade Street
Fergus Falls, MN 56537
218-739-8200

Otter Tail Power Company maintains local offices in Jamestown, Wahpeton, Devils Lake, Garrison and Rugby. The Company requests the following counsel be placed on the Commission's official service list for this proceeding:

Cary Stephenson
Associate General Counsel
Otter Tail Power Company
PO Box 496
215 South Cascade Street
Fergus Falls, MN 56538-0496
218-739-8956

B. Proposed Rates and Tariffs

Pursuant to N.D.C.C. § 49-05-05 and N.D. Admin. Code § 69-09-02-01, the Company is submitting as part of this Notice the following schedules:

- Schedule A-2 in Volume 3 Supporting Information shows the determination of the projected revenue deficiency for the 2018 rate case test year;
- Schedules E-1 and E-2 in Volume 3 Supporting Information show the number of customers by class, the proposed revenue apportionment for each customer class, and the miscellaneous revenues for the test year;
- OTP witness Mr. Prazak testimony Section IV provides summary comparison of the proposed retail rates to the Company's present rates;
- OTP witness Mr. Prazak testimony Section IV provides an estimation of the anticipated impact of the increase on monthly customer bills at various usage levels;
- Section A in Volume 3 Supporting Information is a summary of the Jurisdictional Cost of Service Study, which shows the test year rate base, operating income, revenue requirement and deficiency, and other related information;
- OTP witness Mr. Prazak Exhibit___(DGP-1), Schedule 9 is a summary list of the tariff sheets proposed to be changed;
- Volume 2D shows the proposed tariffs in both "legislative" (red-line) and regular formats; and
- An Alternative Petition for Interim Rates, with supporting schedules and interim tariffs, with rates becoming effective January 1, 2018, and subject to refund pending the final order in this case.

C. Filing Fee and Verification

Pursuant to N.D.C.C. § 49-05-04(11), the Company has included with this filing a check for the filing fee of \$175,000. The Company has also provided a filing fee of \$50.00 in accordance with N.D.C.C. § 49-05-05. Also enclosed is the sworn affidavit of Mr. Bruce Gerhardson verifying the correctness of the Notice, proposed rate and tariff changes, and supporting schedules.

D. Articles of Incorporation

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

III. NOTICE TO AFFECTED CUSTOMERS

N.D. Admin. Code § 69-09-02-02.1, subd. 2(a)(2), requires a notice to electric customers not later than thirty days after filing an increase in rates. In compliance with this requirement, the Company will include a bill insert with November 2017 bills to be issued to electric customers in North Dakota, included as Attachment 2 to this Notice. The customer notice will be distributed for one billing cycle and will describe the reasons for the rate changes and the rate impact information required by N.D. Admin. Code § 69-09-02-02.1, subd. 2(a)(2). Information on how to contact the Company or the Commission with questions or comments about the changes will also be provided.

If the Commission suspends the proposed rates within 30 days and issues an order allowing the Company to place the interim electric rate increase in effect on January 1, 2018, subject to refund, the Company will include a customer information notice in bills to be issued to electric customers in North Dakota on and after January 1, 2018. Again, the customer information notice would be distributed for one billing cycle, would describe the reasons for the interim rate change, the rate impact of the change and would provide information on how to contact the Company or the Commission with questions or comments about the changes.

IV. PROPOSED PROCEDURES

Pursuant to N.D.C.C. § 49-05-05, the Company respectfully requests that the Commission allow the proposed rate and tariff changes shown in Volume 2D to be placed into effect December 2, 2017, without suspension or hearing. This Notice of Change in Rates for Electric Service and schedules thereto fully satisfy the requirements for a notice of rate changes effective December 2, 2017, subject to the Commission's authority to thereafter prospectively change such rates and tariffs through a final order under N.D.C.C. § 49-05-06 if the

Commission formally investigates the change. The Company has included Direct Testimony in support of this Notice. The Company is receptive to working with Commission Staff to promptly resolve this matter through an information and settlement process.

V. CONCLUSION

For the foregoing reasons, the Company provides this Notice to the Commission of new electric rates and tariffs to be effective December 2, 2017 in accordance with N.D.C.C. § 49-05-05 and N.D. Admin. Code § 69-09-02-01. If the Commission suspends the proposed rates and tariffs within 30 days of this Notice, the Company requests that the Commission issue an order allowing the Company's proposed interim rates to be effective January 1, 2018, subject to refund under N.D.C.C. § 49-05-06, subd. 2. Please direct any questions regarding the Notice of Change in Rates for Electric Service and/or Alternative Petition for Interim Rates to Mr. Matthew Olsen at 218-739-8657 or Mr. Cary Stephenson at 218-739-8956.

Dated: November 2, 2017

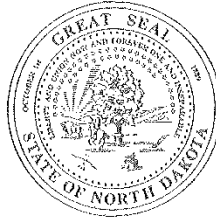
Respectfully Submitted,

OTTER TAIL POWER COMPANY

By: 
Bruce Gerhardson
Vice President Regulatory Affairs
Otter Tail Power Company
215 South Cascade Street
Fergus Falls, MN 56538
218-739-8475
bgerhardson@otpc.com

State of North Dakota

SECRETARY OF STATE



CERTIFICATE OF GOOD STANDING OF

OTTER TAIL POWER COMPANY

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

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

OTTER TAIL POWER COMPANY

Issued: October 23, 2017

A handwritten signature in cursive script, reading "Alvin A. Jaeger".

Alvin A. Jaeger
Secretary of State

OTTER TAIL POWER COMPANY REQUESTS NORTH DAKOTA RATE REVIEW

On November 2, 2017, Otter Tail Power Company submitted an application with the North Dakota Public Service Commission (NDPSC) for permission to increase our electric rates. The rates applied for are proposed only and, if the rates are suspended by the NDPSC, the new rates will not be effective until NDPSC action has been taken.

This is what's driving our request

Our last request for a rate increase in North Dakota was in 2008. Since then, costs we incur to provide our customers with energy and related services have increased. We've also made investments in stronger, cleaner, infrastructure and smarter technologies that ensure we can continue to provide you with reliable, affordable energy.

Customer bill impacts

We estimate that a typical residential customer's bill will increase by approximately \$11.50 a month and a typical business customer's bill will increase by approximately \$22.00 a month. Increases will vary depending on your electric service rate and the amount of electricity you use. This table shows changes to the average monthly bill by customer type.

Customer type	Monthly Kilowatt-hour Usage	Previous Monthly Bill	Proposed Increase to Monthly Bill
Residential	870	\$84.86	\$11.63
Farms	2297	\$195.29	\$26.75
General Service	2769	\$268.74	\$22.23
Large General Service	173381	\$12,425.26	\$1,026.33
Irrigation	1522	\$103.92	\$19.75
Outdoor Lighting	2074	\$2,516.18	\$327.10
Other Public Authority	2375	\$173.76	\$22.59
Controlled Service Water Heating	221	\$15.95	\$2.19
Controlled Service Interruptible	1977	\$84.38	\$11.56
Controlled Service Deferred	1541	\$81.08	\$6.70

For more information, visit otpc.com/NDRateReview or call 800-257-4044.

You may contact the North Dakota Public Service Commission at:

North Dakota Public Service Commission
600 E. Boulevard, Dept. 408
Bismarck, ND 58505-0480

Phone: 701.328.2400

TTY: 800.366.6888

Email: ndpsc@nd.gov

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

In the Matter of the Application of Otter Tail
Power Company for Authority to Increase
Rates for Electric Service in North Dakota

Case No. PU-17-

APPLICATION FOR TRADE SECRET PROTECTION

Pursuant to N.D. Admin. Code §§ 69-02-09-01 and 69-02-09-04, Otter Tail Power Company (Otter Tail) respectfully requests that the Commission issue a trade secret protective order in the above-referenced case. The purpose of the requested protective order is to protect trade secret and commercial information from public disclosure pursuant to N.D.C.C. § 44-04-18 *et seq.* or any other applicable public disclosure laws.

The specific information for which Otter Tail seeks trade secret protection includes the following items filed in the above referenced case:

- Sales and revenue forecast data and methodologies contained in the Direct Testimony, attachments and supporting schedules of Otter Tail witness Brian H. Draxten; and
- Employee compensation & benefits data, surveys and benchmarking contained in the Direct Testimony, attachments, and supporting schedules of Otter Tail witness Peter E. Wasberg.

This information has been marked as NOT PUBLIC and/or PROTECTED DATA.

The above-referenced information is confidential trade secret, proprietary, commercial and financial information under N.D.C.C. § 44-04-18.4 (1)(2), and trade secret information as set forth in N.D.C.C. § 47-25.1-01(4). The information not publicly available, is confidential and proprietary business information, was prepared specifically for Otter Tail with data inputs unique to Otter Tail, or is subject to agreements that require the ongoing confidentiality of the

information. The confidentiality of this information has been maintained by Otter Tail and is not readily ascertainable by proper means by other persons.

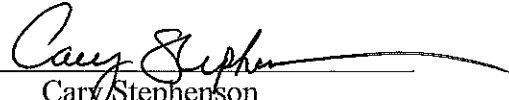
Vendors and competitors would have an opportunity to obtain economic value from disclosure or use of the information, to the detriment of Otter Tail and the customers we serve. If publicly available, competitors could use the information to leverage their rate positions in the marketplace. Entities from which Otter Tail purchases power, generation facilities, other utilities and independent power producers could obtain economic value from disclosure of this information. Competitors and other business interests could gain advantages in hiring new employees and impair OTP ability to retain existing employees. If publicly available, vendors and suppliers could gain economic benefit from this information in negotiations with Otter Tail for procurement of services and goods to the detriment of Otter Tail and its customers.

In accordance with N.D. Admin. Code § 69-02-09-02, one copy of the trade secret material is provided in the enclosed sealed envelope labeled PROTECTED INFORMATION – PRIVATE.

In addition, the Company requests that the trade secret protective order be broad enough to cover all additional information exchanged during this proceeding and qualifying for trade secret protection.

Respectfully submitted this 2nd day of November 2017.

OTTER TAIL POWER COMPANY

By 
Cary Stephenson
Associate General Counsel
Otter Tail Power Company
215 S. Cascade Street
Fergus Falls, MN 56538-0496
(218) 739-8956
cstephenson@otpc.com

Volume 1

Alternative Petition for Interim Rates

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

Case No. PU-17-

In the Matter of the Application of
Otter Tail Power Company for
Authority to Increase Rates for
Electric Service in North Dakota

ALTERNATIVE PETITION FOR INTERIM RATES

A. Introduction

Otter Tail Power Company (OTP or the Company) hereby submits to the North Dakota Public Service Commission (the Commission) this Alternative Petition for Interim Rates (the Petition) for its North Dakota retail electric customers, pursuant to N.D.C.C. §49-05-06. The Company requests that the Commission authorize, on an interim basis, rate relief of \$12,800,479 or 10.44 percent to be effective January 1, 2018.

B. Effective Date

The date of the submission of this Petition is November 2, 2017. The Petition is submitted as part of the Company's Notice of Change in Rates for Electric Service (the "Notice"). Pursuant to N.D.C.C. § 49-05-06, the Company requests that, should the Commission suspend the operation of the general rate schedules that accompany the Notice, the proposed interim rates be made effective on January 1, 2018. N.D.C.C. § 49-05-06, subd. 2, provides that if interim rates are requested, the Commission "shall order that the interim rates take effect no later than sixty (60) days after the initial filing date and without a public hearing." If the interim rate amounts are in excess of the final rates approved by the Commission, the interim rates will be subject to refund plus reasonable interest at a rate to be determined by the Commission.

C. Description and Need for Interim Rates

The Company is entitled to interim rate relief based on the Notice and its supporting schedules, along with the supporting schedules attached to this Petition. The proposed interim rate increase applies to all of OTP's retail electric customers in the State of North Dakota. Interim rates are needed because the increased cost of service reflected in the Company's general rate Notice will be incurred before August 1, 2018, the anticipated effective date of the general rate increase assuming the Commission suspends the rates filed with the Notice.

Without interim rate relief, the Company will be unable to recover these increased costs of service during the period the rates are suspended. Schedules attached to this Petition support the interim revenue deficiency of \$12,800,479 for the Company's North Dakota electric utility operations. As required by N.D.C.C. § 49-05-06, the Company removed from the interim rate request the recovery of costs that are not the same in nature and kind as those allowed in the most recent electric rate proceeding in Case No. PU-08-862. The return on equity (ROE) requested for interim rates for the Company is 10.30 percent, which is lower than the last Commission-authorized ROE, ordered in Case No. PU-08-862. While N.D.C.C. § 49-05-06 subd. 2a. specifies the interim rate ROE must be equal to the last authorized ROE, the Company developed the interim rate revenue requirement sought in the Petition using a ROE matching the lower ROE requested in the Notice.

The Test Year for the Company's general rate Notice and this Petition is the calendar year ending December 31, 2018, with appropriate ratemaking adjustments. The rate and tariff changes proposed in the Notice, including proposed revisions to the Transmission Cost Recovery Rider (TCRR), Renewable Resource Adjustment Rider (RRAR) and Environmental Cost Recovery Rider (ECRR) to reduce the rate of return and modify allocation factors, would result in an annual increase of non-fuel base electric revenues of \$13,138,372 or 8.72 percent. Without adjusting the TCRR, RRAR and ECRR to reduce the rate of return and modify allocation factors, the rate and tariff changes proposed in this Notice would result in an annual increase of non-fuel base electric revenues of \$15,715,320, or 10.61 percent. The Company is requesting an interim rate adjustment that would increase OTP's Test Year revenues by \$12,800,479 or a 10.44 percent increase of present retail electric revenues, exclusive of separately collected revenues related to franchise fees or gross earnings taxes imposed by local governmental units and the Company's TCRR, RRAR, and ECRR, to which

the interim increase will not apply. During the period of interim rates, the riders will remain in effect at rates adjusted to match the Notice until final rates become effective.

D. Interim Rate Schedules

The following rate schedules are proposed to be increased on an interim basis on January 1, 2018:

<u>RESIDENTIAL AND WATER HEATING SERVICE</u>		<u>Section</u>
Residential Service		9.01
Residential Service (Controlled Demand)		9.02
<u>FARM SERVICE</u>		
Farm Service		9.03
<u>GENERAL AND COMMERCIAL SERVICE</u>		
Small General Service		10.01
General Service (20 kW or Greater)		10.02
Large General Service		10.03
Commercial Service – Time of Use		10.04
Large General Service- Time of Day- Experimental		10.05
<u>INTERRUPTIBLE SERVICE</u>		
Water Heating Control Rider		14.01
Controlled Service - Interruptible Load CT Metering		14.04
Controlled Service - Interruptible Load Self Contained Metering		14.05
Controlled Service - Deferred Load		14.06
Fixed Time of Delivery Service		14.07
<u>PURCHASE POWER RATE SCHEDULES</u>		
Small Power Producer Rider - Occasional Delivery		12.01
Small Power Producer Rider - Time of Delivery		12.02
Small Power Producer Rider - Dependable Service		12.03
<u>OTHER ELECTRIC RATE SCHEDULES</u>		
Standby Service		11.01
Irrigation Service		11.02
Outdoor Lighting – Energy Only		11.03
Outdoor Lighting		11.04
Municipal Pumping Service		11.05
Fire Sirens		11.06

The following rate schedules are proposed to be implemented on January 1, 2018 coinciding with interim rates:

<u>MANDATORY RIDERS</u>		<u>Section</u>
Energy Adjustment		13.01
Renewable Cost Recovery Rider		13.04
Environmental Costs Recovery Rider		13.08

The rate schedules containing proposed interim rates are included along with this Petition (legislative and regular formats, respectively). No change has been made in the existing rate design. We have reset the base cost of energy to 2.4327 cents. To reflect this change, we have included a reduction of 0.3703 cents (the difference between the new and previous cost of energy) to each rate schedule. Along with resetting the base cost of energy, we also propose a uniform percentage increase of 10.44 percent, which would provide an additional \$12,800,479 on an annualized basis, in base rate revenues currently being recovered from each customer class.

E. Supporting Schedules and Workpapers

Part A and Part B Schedules of this Petition indicate the adjustments made to the proposed operating expense, rate base, and cost of capital included in the general rate Notice to arrive at the operating income, rate base, and cost of capital, and revenue deficiency pertaining to the interim rate increase. These adjustments were made, pursuant to N.D.C.C. § 49-05-06, subd. 2, to exclude any items that are not the same in nature and kind as those allowed in the Commission order in Case No. PU-08-862. The ROE filed in the general Notice is 10.30 percent, which is lower than the ROE authorized in Case No. PU-08-862, so we used the lower ROE requested in this current case and no adjustment was necessary for interim rates. Part C Schedules of this Petition compare the proposed interim test year to OTP's most recent general rate case, including the Summary Cost of Capital supporting the interim rate increase. The jurisdictional cost of service study supporting the interim rate increase is found in Volume 4a Workpapers, Part D Schedule 1 it provides the increase in revenues by rate class. Part D to this Petition provides the summary of present and interim revenues and the increases in revenues by rate class. Part E to this Petition shows the calculation of the new base cost of energy and the Change in Base Cost of Energy that has been added to the interim rate schedules. The Cost of Energy Adjustment Rider rate schedule are shown in the legislative and regular formats in the Interim Tariff Sheets tabs.

F. Interim Bills

The Company proposes to include informative rate folders in customer bills, included with this Petition as Attachment 1, beginning on January 1, 2018, and add an informational

statement to customer bills in order to communicate to customers that their bill reflects an increase associated with the interim rate request.

G. Surety for Refund

Pursuant to N.D.C.C. § 49-05-06, subd. 3, the Company respectfully requests that the Commission not require a bond to secure any projected refund. The statute makes such a requirement discretionary. The Company submits as part of this Petition an Agreement and Undertaking, included with this Petition as Attachment 2 regarding the Company's commitment to refund any interim rates determined by the Commission to be unreasonable. These commitments are sufficient to secure any required refund.


H. Conclusion

The Company hereby submits this Alternative Petition for Interim Rates. If the Commission suspends the operation of the general rate schedules listed in the Notice under N.D. Cent. Code § 49-05-06, the Company respectfully requests that this Alternative Petition for Interim Rates be promptly considered and accepted by the Commission, so that the interim rate schedules can become effective on January 1, 2018. Interim revenues would be subject to refund, pending final Commission action on the general rate increase Notice.

Dated: November 2, 2017

Respectfully Submitted,

OTTER TAIL POWER COMPANY

By 
Bruce Gerhardson
Vice President Regulatory Affairs
Otter Tail Power Company
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Fergus Falls, MN 56538
218-739-8475
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OTTER TAIL POWER COMPANY REQUESTS INTERIM RATE INCREASE

On November 2, 2017, Otter Tail Power Company submitted an application to the North Dakota Public Service Commission (NDPSC) to increase our electric rates. The rates applied for are proposed only and, if the rates are suspended by the NDPSC, the new rates will not be effective until NDPSC action has been taken. To address the period during which the NDPSC considers our full request, we requested an interim rate increase starting January 1, 2018.

This is what’s driving our request

Our last request for a rate increase in North Dakota was in 2008. Since then, costs we incur to provide our customers with energy and related services have increased. We’ve also made investments in stronger, cleaner infrastructure and smarter technologies that ensure we can continue to provide you with reliable, affordable energy.

Interim rates

While the NDPSC considers our full request, interim rates will begin on January 1, 2018, and continue until final rates go into effect. This interim increase of \$12.8 million, or approximately 10.44 percent, appears on your bill as an “Interim Rate Adj”, which applies to the customer charge, energy charge, demand charge, facilities charge, fixed charge, and the monthly minimum charge.

If final rates approved by the NDPSC are lower than interim rates, we’ll refund you the difference with interest. If final rates are higher than interim rates, we won’t charge you the difference.

The following table shows the interim and proposed final rate increases to average monthly bills for each customer type. Increases will vary depending on your electric service rate and the amount of electricity you use.

Average Monthly Electricity Costs

Customer Classification	Monthly Kilowatt-hour Usage	Previous Monthly Cost	Interim Change in Monthly Cost	Proposed Final Change in Monthly Cost
Residential	870	\$84.86	\$8.86	\$11.63
Farms	2,297	\$195.29	\$20.39	\$26.75
General Service	2,769	\$268.74	\$28.06	\$22.23
Large General Service	173,381	\$12,425.26	\$1,297.20	\$1,026.33
Irrigation	1,522	\$103.92	\$10.85	\$19.75
Outdoor Lighting	2,074	\$2,516.18	\$262.69	\$327.10
Other Public Authority	2,375	\$173.76	\$18.14	\$22.59
Controlled Service Water Heating	221	\$15.95	\$1.67	\$2.19
Controlled Service Interruptible	1,977	\$84.38	\$8.81	\$11.56
Controlled Service Deferred	1,541	\$81.08	\$8.47	\$6.70

Public Input Session

The NDPSC has scheduled a public input session via videoconference on MONTH DAY at TIME. You'll have an opportunity to provide your comments to the NDPSC and ask questions about our proposal. You can participate at these locations:

Insert locations

Commission hearing:

A formal hearing on this electric rate increase filing is scheduled for MONTH DAY-DAY at:
North Dakota Public Service Commission
Commission Hearing Room
600 East Boulevard Ave.
Bismarck, ND 58050-0480

For more information, visit otpc.com/NDRateReview or call 800-257-4044.

You may contact the North Dakota Public Service Commission at:

North Dakota Public Service Commission
600 E. Boulevard, Dept. 408
Bismarck, ND 58505-0480

Phone: 701.328.2400
TTY: 800.366.6888
Email: ndpsc@nd.gov

STATE OF NORTH DAKOTA
BEFORE THE
NORTH DAKOTA PUBLIC SERVICE COMMISSION

Randy Christmann
Julie Fedorchak
Brian Kroshus

Chairman
Commissioner
Commissioner

In the Matter of the Application of Otter Tail
Power Company For Authority to Increase
Rates for Electric Utility Service in North
Dakota

Case No. PU-17-___

Agreement and Undertaking

Otter Tail Power Company (OTP), in conjunction with the Notice and Petition for Interim Rates filed with the North Dakota Public Service Commission (Commission), makes the following unqualified agreement concerning refunding any portion of the requested increase in rates determined by the Commission to be unreasonable.

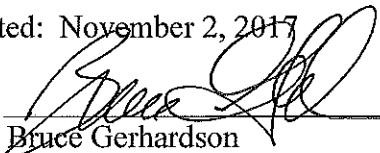
Pursuant to N.D.C.C. § 49-05-06, subd. 4, OTP hereby agrees and undertakes to refund to its customers the amount, if any, collected during the interim rate period, plus reasonable interest at a rate determined by the Commission, computed from the effective date of the interim rates through the date final rates become effective.

In addition, OTP agrees to keep such records of sales and billings under the proposed interim rates as will be necessary to compute any potential refund.

This Agreement and Undertaking is made pursuant to authority granted by the Board of Directors of Otter Tail Power Company.

Dated: November 2, 2017

By



Bruce Gerhardson
Vice President Regulatory Affairs
Otter Tail Power Company

Volume 1

Interim Supporting Schedules and
Workpapers

**INTERIM RATE SCHEDULES
INDEX**

PART A: Interim Rate Summary	Schedule No.
Revenues and Percent Increase	1
North Dakota Policy Statements	2
Definitions	3
Summary of Revenue Requirements	4
Statement of Operating Income	5
Detailed Rate Base Components	6

PART B: Comparison of Proposed Interim Test Year to 2018 Proposed Test Year	Schedule No.
Detailed Rate Base Components	1
Description of Adjustments to Rate Base	2
Rate Base with Adjustments (Bridge Schedule)	3
Statement of Operating Income	4
Description of Adjustments to Operating Statement	5
Statement of Operating Income with Adjustments (Bridge Schedule)	6
Summary of Revenue Requirements	7

PART C: Comparison of Proposed Interim Test Year to OTP's Most Recent General Rate Case	Schedule No.
Detailed Rate Base Components	1
Description of Changes to Rate Base	2
Statement of Operating Income	3
Description of Changes to Operating Statement	4
Summary of Revenue Requirements	5
Capital Structure and Rate of Return Calculations	6
Description of Changes to Capital Structure and Rate of Return Calculations	7

PART D: Summary	Schedule No.
Summary of Revenue Requirements	1

PART E: Change in Base Cost of Energy	Schedule No.
Energy Adjustment Rider Schedule	1

**OTTER TAIL POWER COMPANY
INTERIM RATE INCREASE
REVENUES & PERCENT INCREASE**

**Case No. PU-17-
PART A
Schedule 1
Page 1 of 1**

Total Interim Retail Revenues	\$122,589,268
Interim Deficiency	\$12,800,479
Total Interim Revenue % Increase	10.44%

**OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
INTERIM RATE SCHEDULE
Policy Statements**

**Case No. PU-17-
PART A
Schedule 2
Page 1 of 2**

**DESCRIPTION OF INTERIM RATE APPLICATION,
SUPPORTING SCHEDULES AND WORKPAPERS**

The supporting schedules include the following:

1) A schedule showing the interim rate of return calculation. These schedules show the capital structure and rate of return calculation approved by the Commission in the most recent general rate case; the capital structure and rate of return calculation proposed for interim rates; and a description and corresponding dollar amount of any changes between the two capital structures.

Note:

Part C, Schedule 7, contains this information.

2) A schedule showing the interim operating income statement. These schedules show the same operating income statement accounts as filed in the general rate case. Also, the schedules include the operating income statement approved by the Commission in the most recent general rate case, the operating income statement for the unadjusted projected fiscal year, and the operating income statement proposed for interim rates. A description of all changes and corresponding dollar amounts between each of the operating income statements should be provided. Workpapers should be provided which show how revenues, taxes, expenses, and other income statement components have been determined.

Notes:

Part C, Schedule 3, compares the operating income statement approved by the Commission in the most recent general rate case with the income statement for the proposed interim test year, including a description of all changes and corresponding dollar amounts.

OTP includes as Part B, Schedule 6, an operating statement bridge schedule for the proposed interim test year, as well as Part B, Schedule 4, a comparison of proposed interim rates to the statement of operating income for the proposed test year with the income statement for the proposed interim test year that includes a description of all known and measurable adjustments and corresponding dollar amounts.

Workpapers for the above Interim Rate Petition Schedules are located in Volume 4 of this filing.

**DISCUSSION OF INTERIM RATE APPLICATION,
SUPPORTING SCHEDULES AND WORKPAPERS**

3) A schedule showing the interim proposed rate base. These schedules show the same rate base accounts as filed in the general rate case. These schedules include the average rate base approved by the Commission in the most recent general rate case; the average rate base with the unadjusted projected fiscal year, and the average rate base proposed for interim rates. A description of all changes and corresponding dollar amounts between each of the rate bases is provided. Workpapers are provided which show how the rate base components are determined.

Notes:

Part C, Schedule 1, compares the average rate base approved by the commission in the most recent general rate case with the average rate base proposed for interim rates, including a description of all changes and corresponding dollar amounts.

4) OTP includes as Part B, Schedule 1, comparison of the average rate base for the proposed test year with the average rate base for the proposed interim test year, as well as Part B, Schedule 3, a bridge schedule of the average rate base for the proposed test year with the average rate base for the proposed interim test year that includes a description of all known and measurable adjustments and corresponding dollar amounts.

Workpapers for the above Interim Rate Petition Schedules are located in Volume 1 of this filing. The Interim Jurisdictional Cost of Service Study is located in Volume 4A, Section C.

A schedule showing revenue deficiency calculations for each of the operating income statements and rate bases requested in (2) and (3) above. The revenue deficiency is calculated for the actual data and the interim data using the rate of return calculated in (1) above.

Notes:

Part C, Schedule 5, shows the revenue deficiency calculations for the most recent general rate case and for the proposed interim rates.

OTP includes as Part B, Schedule 7 of this volume, the revenue deficiency calculations for this general rate case filing and for the proposed interim rates.

DEFINITIONS

The following definitions are used in this filing:

Proposed Interim Test Year

The proposed interim test year information is for the calendar year ending December 31, 2018 and includes the effect of rate making adjustments for interim rates.

Proposed Test Year

The proposed test year information represents the test year financial information for the 2018 calendar year and includes the effects of rate making adjustments for final rates.

Most Recent General Rate Case

This information represents the financial data for the 12 months test year ending December 31, 2007, from Otter Tail Power Company's last North Dakota electric rate case (Case No. PU-08-862), as approved by the Commission.

Note on Rounding

The cost of service study on which these supporting schedules are based rounds numbers to the nearest whole dollar for display purposes. However, the subtotals and subsequent totals in the cost of service study may be based on actual values resulting in occasional differences in the totals displayed when compared to the sum of the line items. These supporting schedules were prepared using individual line items with subtotals and totals calculated on each schedule separately. This may result in occasional rounding differences of a few dollars when comparing between the subtotals and totals on the cost of service study to those on the supporting schedules.

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
INTERIM RATE SCHEDULE
SUMMARY OF REVENUE REQUIREMENTS

Case No. PU-17-
PART A
Schedule 4
Page 1 of 1

Line No.	Description	Proposed Interim Test Year
1	Average Rate Base	\$222,127,329
2	Operating Income (Before AFUDC)	\$9,741,842
3	Allowance for Funds Used During Construction (AFUDC)	\$0
4	Total Available for Return (Line 2 + Line 3 + Rounding)	9,741,842
5	Overall Rate of Return (Line 4 / Line 1)	4.39%
6	Required Rate of Return	7.97%
7	Operating Income Requirement (Line 1 x Line 6)	\$17,703,548
8	Income Deficiency (Line 7 - Line 4)	\$7,961,706
9	Gross Revenue Conversion Factor	1.60776
10	Revenue Deficiency (Line 8 x Line 9)	\$12,800,479
11	Retail Related Revenues Under Present Rates	\$122,589,268
12	Percent Increase Needed in Overall Revenue (Line 10 / Line 11)	10.44%

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
INTERIM RATE SCHEDULE
STATEMENT OF OPERATING INCOME

Case No. PU-17-
PART A
Schedule 5
Page 1 of 1

Line No. Description	Proposed Interim Test Year
<u>OPERATING REVENUES</u>	
1 Retail	\$122,589,268
2 Other Operating Revenue	<u>\$9,712,037</u>
3 TOTAL OPERATING REVENUE	\$132,301,305
<u>OPERATING EXPENSES</u>	
5 Production Expenses	\$58,417,943
6 Transmission Expenses	11,043,334
7 Distribution Expenses	7,680,921
8 Customer Accounting Expenses	6,091,579
9 Customer Service & Information Expenses	1,382,509
10 Sales Expenses	22,472
11 Administration & General Expenses	19,282,795
12 Charitable Contributions	0
13 Depreciation Expense	13,387,642
14 General Taxes	<u>3,936,734</u>
15 TOTAL OPERATING EXPENSES	<u>\$121,245,929</u>
16 NET OPERATING INCOME BEFORE INCOME TAXES	\$11,055,375
<u>INCOME TAX EXPENSE</u>	
18 Investment Tax Credit	(\$1,183,682)
19 Deferred Income Taxes	965,161
20 Income Taxes	<u>1,532,054</u>
21 TOTAL INCOME TAX EXPENSE	<u>\$1,313,533</u>
22 NET OPERATING INCOME	\$9,741,842
23 Allowance for Funds Used During Construction	<u>0</u>
24 TOTAL AVAILABLE FOR RETURN	<u><u>\$9,741,842</u></u>

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
INTERIM RATE SCHEDULE
DETAILED RATE BASE COMPONENTS

Case No. PU-17-
PART A
Schedule 6
Page 1 of 1

Line No.	Description	Proposed Interim Test Year
Utility Plant in Service:		
1	Production	\$154,188,768
2	Transmission	104,672,321
3	Distribution	228,593,947
4	General	36,081,097
5	Intangible	5,727,482
6	TOTAL Utility Plant in Service	\$529,263,615
7	Accumulated Depreciation	
8	Production	(\$98,334,309)
9	Transmission	(45,254,234)
10	Distribution	(98,387,399)
11	General	(13,900,914)
12	Intangible	(818,591)
13	TOTAL Accumulated Depreciation	(\$256,695,448)
14	NET Utility Plant in Service	
15	Production	\$55,854,459
16	Transmission	59,418,086
17	Distribution	130,206,548
18	General	22,180,183
19	Intangible	4,908,890
20	NET Utility Plant in Service	\$272,568,167
21	Utility Plant Held for Future Use	\$13,044
22	Construction Work in Progress	271,747
23	Materials and Supplies	7,946,645
24	Fuel Stocks	4,430,805
25	Prepayments	(12,739,580)
26	Customer Advances & Deposits	(353,143)
27	Cash Working Capital	3,454,881
28	Accumulated Deferred Income Taxes	(53,465,238)
29	Total Average Rate Base	\$222,127,329

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
COMPARISON OF PROPOSED INTERIM RATES TO
PROPOSED TEST YEAR
DETAILED RATE BASE COMPONENTS

Case No. PU-17-
PART B
Schedule 1
Page 1 of 1

Line No.	Description	(A) Proposed Test Year 2018	(B) Proposed Interim Test Year	(C) Change (B) - (A)
Utility Plant in Service:				
1	Production	\$330,519,065	\$154,188,768	(\$176,330,297)
2	Transmission	153,826,930	104,672,321	(49,154,609)
3	Distribution	228,593,947	228,593,947	0
4	General	36,403,979	36,081,097	(322,882)
5	Intangible	9,051,224	5,727,482	(3,323,742)
6	TOTAL Utility Plant in Service	\$758,395,144	\$529,263,615	(\$229,131,529)
Accumulated Depreciation				
7	Production	(\$142,605,272)	(\$98,334,309)	\$44,270,963
8	Transmission	(48,351,302)	(45,254,234)	3,097,068
9	Distribution	(98,387,399)	(98,387,399)	0
10	General	(14,025,311)	(13,900,914)	124,396
11	Intangible	(1,383,019)	(818,591)	564,428
12	TOTAL Accumulated Depreciation	(\$304,752,302)	(\$256,695,448)	\$48,056,855
13	NET Utility Plant in Service			
14	Production	\$187,913,793	\$55,854,459	(\$132,059,334)
15	Transmission	105,475,628	59,418,086	(46,057,541)
16	Distribution	130,206,548	130,206,548	0
17	General	22,378,668	22,180,183	(198,485)
18	Intangible	7,668,205	4,908,890	(2,759,314)
19	NET Utility Plant in Service	\$453,642,842	\$272,568,167	(\$181,074,675)
20				
21	Utility Plant Held for Future Use	\$13,044	\$13,044	\$0
22	Construction Work in Progress	271,747	271,747	0
23	Materials and Supplies	8,275,549	7,946,645	(328,904)
24	Fuel Stocks	4,430,805	4,430,805	0
25	Prepayments	(13,199,141)	(12,739,580)	459,562
26	Customer Advances & Deposits	(365,882)	(353,143)	12,739
27	Cash Working Capital	3,602,273	3,454,881	(147,392)
28	Accumulated Deferred Income Taxes	(102,479,471)	(53,465,238)	49,014,233
29	Total Average Rate Base	\$354,191,766	\$222,127,329	(\$132,064,438)

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
COMPARISON OF PROPOSED INTERIM RATES TO
DETAILED RATE BASE COMPONENTS
DESCRIPTION OF ADJUSTMENTS

Case No. PU-17-
PART B
Schedule 2
Page 1 of 1

There are a total of seven adjustments that convert the Rate Base of the Proposed Test Year to the Rate Base Proposed for Interim Rates. A bridge from the Proposed Test Year rate base to the Interim Rate Petition rate base is provided in Part B, Schedule 3.

Net Electric Plant in Service (4 related adjustments - Columns B, C, D, and E)

OTP's proposed 2018 Test year requests approval to include costs currently included in the Environmental Cost Recovery Rider (ECRR), Renewable Resource Adjustment Rider (RRAR), Transmission Cost Recovery Rider (TCRR) to be included in base rates at the conclusion of the general rate case. OTP also includes a plant normalization adjustment in its 2018 Test Year. An adjustment was made to the Interim Rate Application to remove the costs associated with these four items. The riders remain in effect during the interim period and the plant normalization is not considered like-kind.

Prorate ADIT (Column F)

To comply with IRS Regulation Section 1.167(l)-1(h)(6), a positive interim rate adjustment is made to include the difference between the required proration of Accumulated Deferred Income Taxes (ADIT) for the five future months (August to December) of the test year for purposes of computing final rates that are assumed to be effective August 1, 2018, and the proration of ADIT for the 12 future months (January to December) of the interim period for purposes of computing interim rates to be effective January 1, 2018.

Cash Working Capital (Column G)

A positive interim rate adjustment made to Materials and Supplies accounts for the removal of the RRAR, and their associated impacts on operation and maintenance expense, property tax expense, and income tax expense components of the Cash Working Capital calculation. The Cash Working Capital requirement is determined through the application of Lead-Lag study factors against applicable expense categories.

Changes in Allocations due to Interim Rate Adjustments (Column H)

OTP uses its jurisdictional cost of service study (JCOSS) model to calculate all operating statement and rate base schedules for both interim rates and the application for final rates. Certain allocation factors are developed within the JCOSS model. Any adjustment has the potential to change some of these allocation factors. This column shows the effect of the allocations on rate base components caused by adjustments.

OTTER TAIL POWER COMPANY
 Electric Utility - State of North Dakota
 COMPARISON OF PROPOSED INTERIM RATES TO
 RATE BASE WITH ADJUSTMENTS (BRIDGE SCHEDULE)

Case No. PU-17-
 PART B
 Schedule 3
 Page 1 of 1

Line No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
		Proposed Test Year 2018	Environmental Rider Amounts Removed	Renewable Rider Amounts Removed	Transmission Rider Amounts Removed	Plant Normalization Intangible Plant Removed	Prorate ADIT Interim Adjust	Impact of Operating Statement Adjustments on Cash Working Capital	Allocations Due to Effect of Interim Adjustments	Proposed Interim Test Year (1)	
1	Electric Plant in Service *	\$758,395,144	(\$73,882,796)	(\$102,447,501)	(\$49,154,609)	(\$3,243,463)	\$0	\$0	(\$403,161)	\$529,263,614	
2	Less: Accumulated Depreciation*	(304,752,302)	6,611,697	37,659,265	3,097,068	552,161	0	0	\$136,663	(256,695,448)	
3	Net Electric Plant in Service	\$453,642,842	(\$67,271,099)	(\$64,788,235)	(\$46,057,541)	(\$2,691,302)	\$0	\$0	(\$266,498)	\$272,568,167	
4	Other Rate Base Components:										
5	Plant Held for Future Use	\$13,044	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,044	
6	Construction Work in Progress	271,747	0	0	0	0	0	0	0	271,747	
7	Materials and Supplies	8,275,549	0	(269,180)	0	0	0	0	(59,724)	7,946,644	
8	Fuel Stocks	4,430,805	0	0	0	0	0	0	0	4,430,805	
9	Prepayments	(13,199,141)	0	0	0	0	0	0	459,562	(12,739,579)	
10	Customer Advances	(365,882)	0	0	0	0	0	0	12,739	(353,143)	
11	Cash Working Capital	3,602,273	0	0	0	0	0	(213,186)	65,794	3,454,881	
12	Accumulated Deferred Income Taxes	(102,479,471)	15,474,383	21,972,717	8,452,921	0	855,999	0	2,258,213	(53,465,238)	
13											
14	TOTAL	\$354,191,766	(\$51,796,716)	(\$43,084,698)	(\$37,604,621)	(\$2,691,302)	\$855,999	(\$213,186)	\$2,470,086	\$222,127,329	

(1) Electric Utility - North Dakota Jurisdiction

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
COMPARISON OF PROPOSED INTERIM RATES TO
STATEMENT OF OPERATING INCOME

Case No. PU-17-
PART B
Schedule 4
Page 1 of 1

Line No.	Description	(A) Proposed Test Year 2018	(B) Proposed Interim Test Year	(C) Change (B) - (A)
<u>OPERATING REVENUES</u>				
1	Retail	\$148,071,948	\$122,589,268	(\$25,482,680)
2	Other Operating Revenue	10,047,294	9,712,037	(335,257)
3	TOTAL OPERATING REVENUE	\$158,119,242	\$132,301,305	(\$25,817,937)
<u>OPERATING EXPENSES</u>				
5	Production Expenses	\$59,756,799	\$58,417,943	(\$1,338,856)
6	Transmission Expenses	13,507,453	11,043,334	(2,464,118)
7	Distribution Expenses	7,680,921	7,680,921	0
8	Customer Accounting Expenses	6,091,579	6,091,579	0
9	Customer Service & Information Expenses	1,382,509	1,382,509	0
10	Sales Expenses	222,472	22,472	(200,000)
11	Administration & General Expenses	19,596,616	19,282,795	(313,821)
12	Charitable Contributions	0	0	0
13	Depreciation Expense	21,425,301	13,387,642	(8,037,659)
14	General Taxes	4,905,891	3,936,734	(969,158)
15	TOTAL OPERATING EXPENSES	\$134,569,541	\$121,245,929	(\$13,323,612)
16	NET OPERATING INCOME BEFORE INCOME TAXES	\$23,549,700	\$11,055,375	(\$12,494,325)
<u>INCOME TAX EXPENSE</u>				
18	Investment Tax Credit	(\$526,207)	(\$1,183,682)	(\$657,475)
19	Deferred Income Taxes	1,317,384	965,161	(352,223)
20	Income Taxes	4,304,133	1,532,054	(2,772,079)
21	TOTAL INCOME TAX EXPENSE	\$5,095,310	\$1,313,533	(\$3,781,777)
22	NET OPERATING INCOME	\$18,454,391	\$9,741,842	(\$8,712,548)
23	Allowance for Funds Used During Construction	0	0	0
24	TOTAL AVAILABLE FOR RETURN	\$18,454,391	\$9,741,842	(\$8,712,548)

Notes: Revenues reflect calendar month sales

**OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
COMPARISON OF PROPOSED INTERIM RATES TO
STATEMENT OF OPERATING INCOME
DESCRIPTION OF ADJUSTMENTS**

**Case No. PU-17-
PART B
Schedule 5
Page 1 of 1**

Part B, Schedule 6, contains a bridge schedule itemizing the changes from the Proposed Test Year operating income statement to the Interim Rate Petition operating income statement. Nine adjustments were made to bridge the Proposed Test Year operating income statement to the Proposed Interim operating income statement.

Adjustment to Remove Rider Costs (Columns B, C, D)

An adjustment was made to remove the costs currently tracked in the ECRR, RRA, and TCRR that OTP is proposing to move to base rates in the Proposed Test Year. Since the rider will remain in effect during the interim period, an adjustment is needed to remove the costs from interim rates to avoid double recovery.

Adjustment to remove Economic Development Costs (Column E)

An adjustment was made to remove the Economic Development costs included in the 2018 Test Year. These costs are not considered like-kind and not eligible for interim rate recovery.

Adjustment to remove Plant Normalization (Column F)

An adjustment was made to remove the expenses related to the Plant Normalization adjustment. These costs are not considered like-kind and not eligible for interim rate recovery.

Adjustment to remove PTC Normalization (Column G)

An adjustment was made to remove the PTC normalization. During the Interim Period, PTCs flow through the RRAR. This adjustment is needed to avoid double recovery.

Changes in Allocations due to Interim Rate Adjustments (Column H)

OTP uses its jurisdictional cost of service study (JCOSS) model to calculate all operating statement and rate base schedules for both interim rates and the application for final rates. Certain allocation factors are developed within the JCOSS model. Any adjustment has the potential to change some of these allocation factors. This column shows the effect of the allocations on the operating statement components caused by adjustments.

OTTER TAIL POWER COMPANY
 Electric Utility - State of North Dakota
 COMPARISON OF PROPOSED INTERIM RATES TO
 STATEMENT OF OPERATING INCOME WITH ADJUSTMENTS (BRIDGE SCHEDULE)

Line No.	Description	(A) Proposed Test Year 2018	(B) Environmental Rider Amounts Removed	(C) Renewable Rider Amounts Removed	(D) Transmission Rider Amounts Removed	(E) Economic Development Remove	(F) Plant Normalization Remove	(G) PTC Normalization Remove	(H) Changes in Allocations Due to Effect of Interim Adjustments	(I) Proposed Interim Test Year
<u>OPERATING REVENUES</u>										
1	Retail	\$148,071,948	(\$8,357,519)	(\$9,211,881)	(\$7,913,280)	\$0	\$0	\$0	\$0	\$122,589,268
2	Other Operating Revenue	10,047,294	0	0	0*	0	\$0	\$0	(335,257)	9,712,037
3	TOTAL OPERATING REVENUE	\$158,119,242	(\$8,357,519)	(\$9,211,881)	(\$7,913,280)	\$0	\$0	\$0	(\$335,257)	\$132,301,305
<u>OPERATING EXPENSES</u>										
4	Production Expenses	\$59,756,799	(\$230,588)	(1,108,268)	\$0	\$0	\$0	\$0	\$0	58,417,943
5	Transmission Expenses	13,507,453	0	0	(2,464,118)	0	0	0	0	11,043,334
6	Distribution Expenses	7,680,921	0	0	0	0	0	0	0	7,680,921
7	Customer Accounting Expenses	6,091,579	0	0	0	0	0	0	0	6,091,579
8	Customer Service & Information Expenses	1,382,509	0	0	0	0	0	0	0	1,382,509
9	Sales Expenses	222,472	0	0	0	(\$200,000)	0	0	0	22,472
10	Administration & General Expenses	19,596,616	0	(210,167)	0	0	0	0	(103,654)	19,282,795
11	Charitable Contributions	0	0	0	0	0	0	0	0	0
12	Depreciation Expense	21,425,301	(\$2,377,681)	(\$4,240,716)	(693,135)	0	(\$702,750)	\$0	(23,377)	13,387,642
13	General Taxes	4,905,891	0	(145,116)	(694,892)	0	0	0	(129,149)	3,936,734
14	TOTAL OPERATING EXPENSES	\$134,569,541	(\$2,608,269)	(\$5,704,267)	(\$3,852,146)	(\$200,000)	(\$702,750)	\$0	(\$256,180)	\$121,245,929
15	NET OPERATING INCOME BEFORE INCOME TAXES	\$23,549,700	(\$5,749,250)	(\$3,507,614)	(\$4,061,135)	\$200,000	\$702,750	\$0	(\$79,077)	\$11,055,375
<u>INCOME TAX EXPENSE</u>										
17	Investment/Production Tax Credit	(526,207)	\$0	486,358	\$0	\$0	\$0	(\$1,147,764)	\$3,931	(\$1,183,682)
18	Deferred Income Taxes	1,317,384	0	0	0	0	0	0	(352,223)	965,161
19	Income Taxes	4,304,133	(2,378,465)	(1,652,306)	(1,680,091)	82,740	290,728	474,830	2,090,485	1,532,053
20	TOTAL INCOME TAX EXPENSE	\$5,095,310	(\$2,378,465)	(\$1,165,948)	(\$1,680,091)	\$82,740	\$290,728	(\$672,934)	\$1,742,193	\$1,313,533
21	NET OPERATING INCOME	\$18,454,391	(\$3,370,785)	(\$2,341,666)	(\$2,381,043)	\$117,260	\$412,022	\$672,934	(\$1,821,270)	\$9,741,843
22	Allowance for Funds Used During Construction	0	0	0	0	0	0	0	0	0
23	TOTAL AVAILABLE FOR RETURN	\$18,454,391	(\$3,370,785)	(\$2,341,666)	(\$2,381,043)	\$117,260	\$412,022	\$672,934	(\$1,821,270)	\$9,741,843

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
COMPARISON OF PROPOSED INTERIM RATES TO
SUMMARY OF REVENUE REQUIREMENTS

Case No. PU-17-
PART B
Schedule 7
Page 1 of 1

Line No.	Description	(A) Proposed Test Year 2018	(B) Proposed Interim Test Year	Change (B) - (A)
1	Average Rate Base	\$354,191,766	\$222,127,329	(\$132,064,438)
2	Operating Income (Before AFUDC)	\$18,454,391	\$9,741,842	(\$8,712,548)
3	Allowance for Funds Used During Construction (AFUDC)	\$0	\$0	\$0
4	Total Available for Return (Line 2 + Line 3 + Rounding)	\$18,454,391	\$9,741,842	(\$8,712,548)
5	Overall Rate of Return (Line 4 / Line 1)	5.21%	4.39%	-(0.82)%
6	Required Rate of Return	7.97%	7.97%	0.00%
7	Operating Income Requirement (Line 1 x Line 6)	\$28,229,084	\$17,703,548	(\$10,525,536)
8	Income Deficiency (Line 7 - Line 4)	\$9,774,693	\$7,961,706	(\$1,812,987)
9	Gross Revenue Conversion Factor	1.60776	1.60776	0
10	Revenue Deficiency (Line 8 x Line 9)	\$15,715,320	\$12,800,479	(\$2,914,841)
11	Retail Related Revenues Under Present Rates	\$148,071,948	\$122,589,268	(\$25,482,680)
12	Percent Increase Needed in Overall Revenue (Line 10 / Line 11)	10.61%	10.44%	(0.17)%

OTTER TAIL POWER COMPANY
 Electric Utility - State of North Dakota
 COMPARISON OF PROPOSED INTERIM RATES TO MOST RECENT GENERAL RATE CASE (2010)
 DETAILED RATE BASE COMPONENTS

Case No. PU-17-
 PART C
 Schedule 1
 Page 1 of 1

Line No.	Description	(A) Results of Most Recent General Rate Case PU-08-862	(B) Proposed Interim Test Year	(C) Change (B) - (A)
Utility Plant in Service:				
1	Production	\$154,602,785	\$154,188,768	(\$414,017)
2	Transmission	83,873,091	104,672,321	20,799,230
3	Distribution	140,016,287	228,593,947	88,577,660
4	General	29,250,219	36,081,097	6,830,878
5	Intangible	1,677,249	5,727,482	4,050,233
6	TOTAL Utility Plant in Service	\$409,419,630	\$529,263,615	\$119,843,984
Accumulated Depreciation				
8	Production	(\$86,542,454)	(\$98,334,309)	(\$11,791,855)
9	Transmission	(30,681,969)	(45,254,234)	(14,572,265)
10	Distribution	(59,273,728)	(98,387,399)	(39,113,671)
11	General	(11,712,740)	(13,900,914)	(2,188,174)
12	Intangible	(471,172)	(818,591)	(347,419)
13	TOTAL Accumulated Depreciation	(\$188,682,063)	(\$256,695,448)	(\$68,013,385)
14	NET Utility Plant in Service			
15	Production	\$68,060,331	\$55,854,459	(\$12,205,872)
16	Transmission	53,191,122	59,418,086	6,226,964
17	Distribution	80,742,559	130,206,548	49,463,989
18	General	17,537,479	22,180,183	4,642,704
19	Intangible	1,206,077	4,908,890	3,702,813
20	NET Utility Plant in Service	\$220,737,568	\$272,568,167	\$51,830,599
21				
22	Utility Plant Held for Future Use	12,871	13,044	173
23	Construction Work in Progress	2,246,153	271,747	(1,974,406)
24	Materials and Supplies	5,722,628	7,946,645	2,224,017
25	Fuel Stocks	3,072,173	4,430,805	1,358,632
26	Prepayments	(13,279,546)	(12,739,580)	539,966
27	Customer Advances & Deposits	(54,379)	(353,143)	(298,764)
28	Cash Working Capital	1,485,939	3,454,881	1,968,942
29	Unamortized Rate Case Expense	0		
30	Accumulated Deferred Income Taxes	(32,611,608)	(53,465,238)	(20,853,630)
31	Total Average Rate Base	\$187,331,798	\$222,127,329	\$34,795,530

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
COMPARISON OF PROPOSED INTERIM RATES TO MOST RECENT GENERAL RATE CASE
DETAILED RATE BASE COMPONENTS
DESCRIPTION OF CHANGES

Case No. PU-17-
PART C
Schedule 2
Page 1 of 1

Total Average Rate Base proposed by OTP for interim rates increased by approximately \$34.8 million since the last approved electric rate case in Case No. PU-08-862. As noted earlier, interim rates exclude costs that are not of like-kind and rate base being recovered in OTP's riders during the interim period.

The increase in Average Rate Base is primarily related to the net effect of Utility Plant in Service and Accumulated Deferred Income Taxes. Gross Plant in Service increased by \$119.8 million and Reserve for Depreciation and Amortization increased by \$68.0 million. Total Net Plant in Service increased approximately \$51.8 million. In addition, Accumulated Deferred Income Taxes (ADIT) increased approximately \$20.9 million, which reduces rate base. These components account for approximately \$30.9 million of the \$34.8 million increase to rate base.

Distribution Plant now comprises 47.8 percent of Net Plant compared to 36.6 percent for OTP's Most Recent General Rate Case, increasing distribution plant by \$49.5 million, (capital additions of \$88.6 million offset by increases in depreciation reserves of \$39.1 million).

Transmission Plant increased by \$6.2 million (capital additions of \$20.8 million offset by increases in depreciation reserves of \$14.6 million). Transmission Plant comprises 21.8 percent of Net Plant as compared to 24.1 percent in OTP's Most Recent General Rate Case.

Net Production Plant in Service decreased \$12.2 million since OTP's Most Recent General Rate Case. Production Plant is now 20.5 percent of Plant in Service compared to 30.8 percent in that case.

As mentioned earlier, ADIT, a reduction to Average Rate Base, increased by \$20.9 million due to the impact of accelerated tax depreciation taken on OTP's capital expenditures. This increase is mainly caused by timing differences between book and tax depreciation on plant in service investment.

Cash Working Capital increased approximately \$2.0 million, Materials and Supplies comprised an increase of \$2.2 million, Fuel Inventory increased by \$1.4 million, and Customer Advances and Deposits increased by \$542,000 (reduction to rate base) since OTP's Most Recent General Rate Case.

The net effect of the \$51.8 million increase in Net Plant in Service, the \$20.9 million increase in Accumulated Deferred Income Taxes (a reduction to Average Rate Base), and other components shown in Part C, Schedule 1 account for the \$34.8 million increase in Total Average Rate Base for the interim rate period.

OTTER TAIL POWER COMPANY
 Electric Utility - State of North Dakota
 COMPARISON OF PROPOSED INTERIM RATES TO OTP'S MOST RECENT GENERAL RATE CASE
 STATEMENT OF OPERATING INCOME

Case No. PU-17-
PART C
 Schedule 3
 Page 1 of 1

Line No.	Description	(A) Results of Most Recent General Rate Case PU-08-862	(B) Proposed Interim Test Year	(C) Change (B) - (A)
<u>OPERATING REVENUES</u>				
1	Retail	\$118,309,177	\$122,589,268	\$4,280,091
2	Other Operating Revenue	5,304,529	9,712,037	4,407,508
3	TOTAL OPERATING REVENUE	\$123,613,706	\$132,301,305	\$8,687,599
<u>OPERATING EXPENSES</u>				
5	Production Expenses	\$62,213,340	\$58,417,943	(\$3,795,397)
6	Transmission Expenses	4,467,061	11,043,334	6,576,273
7	Distribution Expenses	6,727,802	7,680,921	953,119
8	Customer Accounting Expenses	4,728,770	6,091,579	1,362,810
9	Customer Service & Information Expenses	1,027,290	1,382,509	355,220
10	Sales Expenses	251,476	22,472	(229,005)
11	Administration & General Expenses	13,526,788	19,282,795	5,756,007
12	Charitable Contributions	114,816	0	(114,816)
13	Depreciation Expense	10,442,094	13,387,642	2,945,548
14	General Taxes	3,964,363	3,936,734	(27,629)
15	TOTAL OPERATING EXPENSES	\$107,463,801	\$121,245,929	\$13,782,130
16	NET OPERATING INCOME BEFORE INCOME TAXES	\$16,149,905	\$11,055,375	(\$5,094,531)
<u>INCOME TAX EXPENSE</u>				
17	Investment Tax Credit	(\$475,573)	(\$1,183,682)	(\$708,108)
18	Deferred Income Taxes	216,508	965,161	748,653
19	Income Taxes	4,132,875	1,532,054	(2,600,821)
20	TOTAL INCOME TAX EXPENSE	\$3,873,810	\$1,313,533	(\$2,560,277)
21	NET OPERATING INCOME	\$12,276,096	\$9,741,842	(\$2,534,255)
22	Allowance for Funds Used During Construction	0	0	0
23	TOTAL AVAILABLE FOR RETURN	\$12,276,096	\$9,741,842	(\$2,534,255)

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
COMPARISON OF PROPOSED INTERIM RATES TO MOST RECENT GENERAL RATE CASE
STATEMENT OF OPERATING INCOME
DESCRIPTION OF CHANGES

Case No. PU-17-
PART C
Schedule 4
Page 1 of 1

The Total Available for Return approved by the Commission in OTP's Most Recent General Rate Case compared to the Total Available for Return proposed in the Proposed Interim Test Year shows a decrease of \$2.5 million.

Major components of the change in utility available for return include the following:

Retail Electric Revenues increased by \$4.3 million or 3.6 percent.

Other Revenue increased by \$4.4 million from \$5.3 million in OTP's Most Recent General Rate Case to \$9.7 million in the Proposed Interim Test Year.

Fuel, Purchased Energy and Power Production costs increased by approximately \$3.8 million compared to OTP's Most Recent General Rate Case.

Other Operating Expenses increased by approximately \$14.7 million. The changes that occurred in the various cost functions are: Transmission expense, an increase of \$6.6 million; Distribution expense, an increase of \$1.0 million; Customer Accounting, an increase of \$1.4 million; Customer Services combined with Information and Sales, an increase of \$0.1 million; and Administrative and General expense, an increase of \$5.8 million.

Depreciation expense increased by approximately \$2.9 million which represents a 28.2 percent increase over OTP's Most Recent General Rate Case.

Investment Tax Credits increased by \$0.7 million while Deferred Income Taxes increased by \$0.7 million while Income Tax Expense decreased by \$2.6 million resulting in a decrease of approximately \$2.6 in Total Income Taxes since OTP's Most Recent General Rate Case.

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
COMPARISON OF PROPOSED INTERIM RATES TO MOST RECENT GENERAL RATE CASE
SUMMARY OF REVENUE REQUIREMENTS

Case No. PU-17-
PART C
Schedule 5
Page 1 of 1

Line No.	Description	(A) Results of Most Recent General Rate Case PU-08-862	(B) Interim Test Year	(C) Change (B) - (A)
1	Average Rate Base	\$187,331,798	\$222,127,329	\$34,795,531
2	Operating Income (Before AFUDC)	\$12,276,096	\$9,741,842	(\$2,534,254)
3	Allowance for Funds Used During Construction (AFUDC)	\$0	\$0	\$0
4	Total Available for Return (Line 2 + Line 3 + Rounding)	\$12,276,096	\$9,741,842	(\$2,534,254)
5	Overall Rate of Return (Line 4 / Line 1)	6.55%	4.39%	(2.17)%
6	Required Rate of Return	8.62%	7.97%	(0.65)%
7	Operating Income Requirement (Line 1 x Line 6)	\$16,148,001	\$17,703,548	\$1,555,547
8	Income Deficiency (Line 7 - Line 4)	\$3,871,905	\$7,961,706	\$4,089,801
9	Gross Revenue Conversion Factor	1.645413	1.607756	0
10	Revenue Deficiency (Line 8 x Line 9)	\$6,370,885	\$12,800,481	\$6,429,596
11	Retail Related Revenues Under Present Rates	\$118,309,177	\$122,589,268	\$4,280,091
12	Percent Increase Needed in Overall Revenue (Line 10 / Line 11)	5.38%	10.44%	5.06%

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
COMPARISON OF PROPOSED INTERIM RATES TO OTP'S MOST RECENT GENERAL RATE CASE
CAPITAL STRUCTURE AND RATE OF RETURN CALCULATIONS

Case No. PU-17-
PART C
Schedule 6
Page 1 of 1

Line No.	Capitalization:	(A) Amount	(B) % of Total Capitalization	(C) Cost of Capital	(D) Weighted Cost of Capital
I. Capital Structure and Rate of Return Calculation Approved by the Commission in the Most Recent General Rate Case (Case No. PU-08-862)					
1	Long-Term Debt	\$185,725,713	43.1%	6.30%	2.72%
2	Short-Term Debt	0	0.0%	0.00%	0.00%
3	Long-Term and Short-Term Debt	\$185,725,713	43.1%	6.30%	2.72%
4	Preferred Stock	15,500,000	3.597%	4.75%	0.17%
5	Net Common Equity	229,633,133	53.3%	10.75%	5.73%
6	Total Equity	\$245,133,133	56.9%		5.90%
7	Total Capitalization	\$430,858,846	100.00%		8.62%

II. Capital Structure and Rate of Return Calculation for Proposed Interim Rates					
8	Long-Term Debt	\$ 492,672,120	46.0%	5.43%	2.50%
9	Short-Term Debt	15,979,784	1.5%	4.02%	0.06%
10	Long-Term and Short-Term Debt	\$508,651,904	47.5%	5.39%	2.56%
11	Preferred Stock	0	0.0%	0.00%	0.00%
12	Net Common Equity	562,251,832	52.5%	10.30%	5.41%
13	Total Equity	\$562,251,832	52.5%		5.41%
14	Total Capitalization	\$1,070,903,736	100.0%		7.97%

III. Amount of Changes Between I and II

		Amount		Change
		Most Recent General Rate Case Filing	Proposed Interim Rate	(C) = (B) - (A)
		(A)	(B)	
15	Long-Term Debt	\$185,725,713	\$492,672,120	\$306,946,407
16	Short-Term Debt	0	15,979,784	15,979,784
17	Long-Term and Short-Term Debt	\$185,725,713	\$508,651,904	\$322,926,191
18	Preferred Stock	15,500,000	0	(\$15,500,000)
19	Net Common Equity	229,633,133	562,251,832	332,618,699
20	Total Equity	\$245,133,133	\$562,251,832	\$317,118,699
21	Total Capitalization	\$430,858,846	\$1,070,903,736	\$640,044,890

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
COMPARISON OF PROPOSED INTERIM RATES TO OTP'S MOST RECENT GENERAL RATE CASE
CAPITAL STRUCTURE AND RATE OF RETURN CALCULATIONS
DESCRIPTION OF CHANGES

Case No. PU-17-
PART C
Schedule 7
Page 1 of 1

Long-Term Debt in the Proposed Interim Test Year has increased by approximately \$306.9 million, compared to OTP's Most Recent General Rate Case. The increase in Long-Term Debt was necessary to support OTP's capital expenditure plan and maintain an appropriate balance of debt and equity and a balanced capital structure.

The capital structure for Interim Rates includes \$16.0 million of Short-Term Debt as compared to \$0.0 million in OTP's Most Recent General Rate Case.

Common Equity increased by approximately \$317.1 million primarily due to reinvestment of retained earnings and infusions of equity from Otter Tail Corporation to support OTP's capital expenditure plan and provide an appropriate balance of debt and equity and a balanced capital structure.

The overall cost of capital decreased from OTP's Most Recent General Rate Case. The decrease is equally driven by a decrease in the cost of debt and cost of equity. The 10.30 percent cost of common equity is lower than the 10.75 percent cost of common equity in OTP's Most Recent General Rate Case.

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
INTERIM RATE SCHEDULE
SUMMARY COMPARISON OF OPERATING REVENUE
UNDER PRESENT AND PROPOSED INTERIM RATES FOR THE TEST YEAR

Case No. PU-17-
PART D
Page 1 of 1
Rate Schedule

<u>Rate Schedule</u>	<u>Operating Revenue</u>			<u>Percent Change</u>
	<u>Present</u>	<u>Interim</u>	<u>Increase</u>	
Residential Service	\$34,974,795	\$38,626,780	\$3,651,985	10.44%
Residential Demand Control	\$5,268,890	\$5,819,055	\$550,165	10.44%
Total Residential Class Revenue	\$40,243,684	\$44,445,834	\$4,202,150	10.44%
Farm Service	\$2,055,183	\$2,269,781	\$214,597	10.44%
General Service < 20 kW	\$7,963,977	\$8,795,556	\$831,579	10.44%
General Service >= 20 kW	\$24,590,129	\$27,157,772	\$2,567,643	10.44%
Commercial Time of Use	\$8,085	\$8,929	\$844	
Total GS Class Revenue	\$32,562,190	\$35,962,256	\$3,400,066	10.44%
Large General Service	\$25,832,084	\$28,529,409	\$2,697,325	10.44%
Large General Service Time of Day	\$31,626	\$34,928	\$3,302	10.44%
Real Time Pricing	\$9,342,340	\$10,317,845	\$975,505	0.00%
Large General Service Rider	\$0	\$0	\$0	0.00%
Standby Service	\$12,048	\$13,306	\$1,258	0.00%
Total LGS Class Revenue	\$35,218,098	\$38,895,488	\$3,677,390	10.44%
Irrigation Services	\$51,061	\$56,393	\$5,332	10.44%
Outdoor Lighting - Energy Only	\$303,294	\$334,963	\$31,669	10.44%
Outdoor Lighting	\$2,209,569	\$2,440,287	\$230,718	10.44%
Total Lighting Class Revenue	\$2,512,863	\$2,775,250	\$262,387	10.44%
Municipal Pumping Service	\$979,983	\$1,082,311	\$102,328	10.44%
Civil Defense - Fire Sirens	\$3,241	\$3,579	\$338	10.44%
Total OPA Class Revenue	\$983,224	\$1,085,890	\$102,666	10.44%
Water Heating, Controlled	\$936,416	\$1,034,194	\$97,778	10.44%
Interruptible Load >= 80 kW	\$4,764,910	\$5,262,450	\$497,541	10.44%
Interruptible Load < 80 kW	\$1,998,017	\$2,206,645	\$208,628	10.44%
Total Interruptible Class Revenue	\$6,762,927	\$7,469,095	\$706,169	10.44%
Deferred Load Controlled Service	\$859,328	\$949,057	\$89,729	10.44%
Fix Time of Delivery Service	\$404,295	\$446,510	\$42,215	10.44%
Total Def. Ld. Class Revenue	\$1,263,623	\$1,395,567	\$131,944	10.44%
Total	\$122,589,268	\$135,389,749	\$12,800,479	10.44%

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
Energy Adjustment Rider Schedule

Case No. PU-17-
PART E
Schedule 1
Page 1 of 1

Line No.	Description	2018 Interim Test Year
1	Purchased Power (Inclusive of MISO Market Purchases)	\$ 63,420,074
2	Generation Costs	\$ 54,175,351
3	MISO Schedules 16 & 17	\$ 649,613
4	Reagents & Emissions Allowances ¹	\$ -
5	Total Energy Costs	<u>\$ 118,245,039</u>
6		
7	Associated Energy -- kWh	
8	Energy Retail Sales	4,860,586,264
9		
10	Base Cost of Energy (line 5/line 8)	\$ 0.024327
11	Base Cost Ordered in PU-08-862 ²	\$ 0.028030
12	Proposed Interim Cost of Energy in Base Rates	<u>\$ 0.024327</u>
13	Proposed Energy Adjustment Rider	<u>\$ -</u>
14		
15		
16	RETAIL SALES CALCULATION for line 8	
17		
18	<u>Month of:</u>	<u>Total Retail Sales</u>
19	January	498,045,756
20	February	448,802,888
21	March	434,431,661
22	April	380,205,477
23	May	352,954,574
24	June	347,735,861
25	July	378,139,425
26	August	378,268,857
27	September	361,370,534
28	October	380,763,045
29	November	424,659,514
30	December	<u>475,208,672</u>
		<u>4,860,586,264</u>

¹ In Case No. PU-14-668, the Commission approved recovery of these costs through the Reagent and Emissions Allowance Adjustment rider as described in Tommerdahl Direct.

² OTP's last general rate case approved by order dated Nov 25,2009 - Effective December 1, 2009

Volume 1

Summary of Present and Interim Revenue

OTTER TAIL POWER COMPANY
Electric Utility - State of North Dakota
INTERIM RATE SCHEDULE
SUMMARY COMPARISON OF OPERATING REVENUE
UNDER PRESENT AND PROPOSED INTERIM RATES FOR THE TEST YEAR

Case No. PU-17-
Part D
Page 1 of 1

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	<u>Present</u>	<u>Interim</u>	<u>Increase</u>	
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Total Def. Ld. Class Revenue	\$1,263,623	\$1,395,567	\$131,944	10.44%
Total	\$122,589,268	\$135,389,749	\$12,800,479	10.44%

Volume 1

Interim Tariff Sheets - Legislative

RESIDENTIAL SERVICE

DESCRIPTION	RATE CODE
Residential Service	50-101

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

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LC

APPLICATION OF SCHEDULE: This schedule is applicable to residential service as defined in the General Rules and Regulations.

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LC

RATE:

RESIDENTIAL SERVICE			
Customer Charge per Month:	\$8.00		
Monthly Minimum Bill:	Customer Charge		
Energy Charge per kWh:	Summer	Winter	
First 1,000:	8.444074 ¢/kWh	7.863493 ¢/kWh	
Excess:	8.444074 ¢/kWh	7.1736.803 ¢/kWh	

N
NR
NR
NR
NR

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
N
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 rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

N
N
N
N

DEFINITIONS OF SEASONS:

N

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
North Dakota

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018, in

Case No. PU-~~08-86217-~~

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.

Approved by order dated ~~November 25, 2009~~
Gerhardson

~~Manager, Regulatory Services~~ Vice

President, Regulatory Affairs



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

N
N

SEASONAL RESIDENTIAL SERVICE:

N

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.

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

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

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

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

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E

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

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E

NORTH DAKOTA PUBLIC SERVICE COMMISSION North Dakota

EFFECTIVE with bills rendered on and after December 1, 2009 January 1, 2018, in

Case No. PU-08-86217-

Approved by order dated November 25, 2009, Gerhardson

APPROVED: Bernadeen Brutlag Bruce G.

Manager, Regulatory Services Vice

President, Regulatory Affairs



RESIDENTIAL DEMAND CONTROL SERVICE
 (Commonly identified as RDC)

DESCRIPTION	RATE CODE
Residential Demand Control	50-241

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

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

RATE:

RESIDENTIAL DEMAND CONTROL SERVICE		
Customer Charge per Month:	\$18.38	
Monthly Minimum Bill:	Customer + Demand Charge	
Energy Charge per kWh:	Summer	Winter
	4.627257 ¢/kWh	4.674301 ¢/kWh
Demand Charge per kW:	Summer	Winter
	\$6.52 /kW	\$2.63 /kW

INTERIM RATE ADJUSTMENT:
A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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

NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 North Dakota
 Case No. PU-08-86217-
 Approved by order dated ~~November 25, 2009~~
Gerhardson
President, Regulatory Affairs

EFFECTIVE with bills rendered on
 and after ~~December 1, 2009~~ January 1, 2018, in
 APPROVED: ~~Bernadeen Brutlag~~ Bruce G.
Manager, Regulatory Services Vice



N

DEFINITIONS OF SEASONS:

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

N

N

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

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

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NORTH DAKOTA PUBLIC
SERVICE COMMISSION
North Dakota
Case No. PU-~~08-86217-~~
Approved by order dated ~~November 25, 2009~~
Gerhardson
President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018, in

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.
Manager, Regulatory Services Vice



Fergus Falls, Minnesota

FARM SERVICE

DESCRIPTION	RATE CODE
Farm Service	50-361

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

~~LC~~
~~LC~~

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.

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RATE:

FARM SERVICE			
Customer Charge per Month:	\$12.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month:			
Single Phase	\$0.00		
Three Phase: Overhead <=25kVA	\$3.37		NR
Three Phase: Overhead > 25kVA	\$3.93		NR
Three Phase: Underground <=25kVA	\$9.39		NR
Three Phase: Underground > 25kVA	\$10.78		NR
Energy Charge per kWh:	Summer	Winter	
First 1600	7.642 272 ¢/kWh	6.971601 ¢/kWh	NR
Excess	6.495125 ¢/kWh	5.925555 ¢/kWh	NR

~~N~~
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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

~~N~~
~~N~~
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~~N~~

NORTH DAKOTA PUBLIC SERVICE COMMISSION
in North Dakota.

Case No. PU-~~08-86217-~~

Approved by order dated ~~November 25, 2009~~
Gerhardson

President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.

Manager, Regulatory Services Vice



Fergus Falls, Minnesota

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.

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SMALL GENERAL SERVICE
Under 20 kW

DESCRIPTION	RATE CODE
Metered Service under 20 kW – Secondary Service	50-404
Metered Service under 20 kW – Primary Service	50-405

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 municipal outdoor lighting. Emergency and supplementary/standby service will be supplied only as allowed by law.

RATE:

SECONDARY SERVICE			PRIMARY SERVICE	
Customer Charge per Month:	\$13.00		\$13.00	
Monthly Minimum Bill:	Customer Charge		Customer Charge	
Energy Charge per kWh:	Summer	Winter	Summer	Winter
	8.509 <u>139</u> ¢/kWh	7.7623 <u>92</u> ¢/kWh	8.4711 <u>01</u> ¢/kWh	7.7253 <u>55</u> ¢/kWh

R

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
N
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 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
in North Dakota.

Case No. PU-~~08-86217-~~

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Gerhardson

President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.

Manager, Regulatory Services Vice



Fergus Falls, Minnesota

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.

Winter: October 1 through May 31.

TERMS AND CONDITIONS: A Customer may remain on the Small General Service schedule as long as the Customer's maximum demand is less than 20 kW. When the Customer achieves an actual demand of 20 kW or greater, the Customer will be placed on the General Service schedule (Section 10.02) in the next billing month.

DETERMINATION OF 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.

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota.

Case No. PU-~~08-86217-~~

Approved by order dated ~~November 25, 2009~~
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President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.

Manager, Regulatory Services Vice



GENERAL SERVICE
20 kW or Greater

DESCRIPTION	RATE CODE
General Service – Secondary Service	50-401
General Service – Primary Service	50-403

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

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

RATE:

	SECONDARY SERVICE	PRIMARY SERVICE								
Customer Charge per Month:	\$12.00	\$12.00								
Monthly Minimum Bill:	Customer + Facilities Charge	Customer + Facilities Charge								
Facilities Charge per Month:	\$0.52/kW	\$0.38/kW								
Energy Charge per kWh:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 50%;">Summer</td> <td style="text-align: center; width: 50%;">Winter</td> </tr> <tr> <td style="text-align: center;">8.2137.843 ¢/kWh</td> <td style="text-align: center;">7.492122 ¢/kWh</td> </tr> </table>	Summer	Winter	8.2137.843 ¢/kWh	7.492122 ¢/kWh	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 50%;">Summer</td> <td style="text-align: center; width: 50%;">Winter</td> </tr> <tr> <td style="text-align: center;">8.1767.806 ¢/kWh</td> <td style="text-align: center;">7.456086 ¢/kWh</td> </tr> </table>	Summer	Winter	8.1767.806 ¢/kWh	7.456086 ¢/kWh
Summer	Winter									
8.2137.843 ¢/kWh	7.492122 ¢/kWh									
Summer	Winter									
8.1767.806 ¢/kWh	7.456086 ¢/kWh									

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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

NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 in North Dakota
 Case No. PU-~~08-86217-~~
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Gerhardson
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 APPROVED: ~~Bernadeen Brutlag~~ Bruce G.
 Manager, Regulatory Services Vice



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. N

NORTH DAKOTA PUBLIC
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Case No. PU-~~08-86217-~~
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Gerhardson
President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.
Manager, Regulatory Services Vice



DEFINITIONS OF SEASONS:

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

TERMS AND CONDITIONS: 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).

DETERMINATION OF FACILITIES CHARGE: 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 will be based on the largest of the most recent 12 monthly measured demands, but in no event will the measured demand be considered less than 20 kW.

Vertical column of red symbols on the right margin.

NORTH DAKOTA PUBLIC SERVICE COMMISSION in North Dakota Case No. PU-08-86217- Approved by order dated November 25, 2009, Gerhardson President, Regulatory Affairs

EFFECTIVE with bills rendered on and after December 1, 2009 January 1, 2018, APPROVED: Bernadeen Brutlag Bruce G. Manager, Regulatory Services Vice

LARGE GENERAL SERVICE

DESCRIPTION	RATE CODE
Secondary Service	50-603
Primary Service	50-602
Transmission Service	50-632

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

LC
LC

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

LC
LC
LC

RATE:

SECONDARY SERVICE			
Customer Charge per Month:	\$40.00		
Monthly Minimum Bill:	Customer Charge + Facilities Charge + Demand Charge (min. 80 kW)		
Facilities Charge per Month: per Annual Maximum kW (Minimum 80 kW per Month)			
< 1000 kW:	\$0.30/kW		
≥ 1000 kW:	\$0.15/kW		
Energy Charge per kWh:	Summer	Winter	
First 700,000	5.1154.745 ¢/kWh	5.1654.795 ¢/kWh	
Excess	4.715345 ¢/kWh	4.761391 ¢/kWh	
Demand Charge per kW:	\$7.29 /kW	\$5.61 /kW	

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NR

NORTH DAKOTA PUBLIC SERVICE COMMISSION
in North Dakota
Case No. PU-~~08-86217-~~
Approved by order dated ~~November 25, 2009~~
Gerhardson
President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~Bruce G.
Manager, Regulatory ServicesVice

PRIMARY SERVICE				N
Customer Charge per Month:	\$40.00			NR
Monthly Minimum Bill:	Customer Charge +Facilities Charge + Demand Charge (min. 80 kW)			NR NR
Facilities Charge per Month: per annual max. kW (minimum 80kW per Month)				
All kW:	\$0.11/kW			NR
Energy Charge per kWh:	Summer	Winter		
First 700,000	5.09 <u>5.725</u> ¢/kWh	5.14 <u>4.771</u> ¢/kWh	NR	
Excess	4.69 <u>5.325</u> ¢/kWh	4.73 <u>7.367</u> ¢/kWh	NR	
Demand Charge per kW:	\$7.24 /kW	\$5.57 /kW	NR	

TRANSMISSION SERVICE				N
Customer Charge per Month:	\$40.00			NR
Monthly Minimum Bill:	Customer Charge + Facilities Charge + Demand Charge (min. 80 kW)			NR NR
Facilities Charge per Month: per annual max. kW (minimum 80kW per Month)				
All kW:	\$0.00/kW			NR
Energy Charge per kWh:	Summer	Winter		
First 700,000	4.97 <u>4.604</u> ¢/kWh	4.99 <u>6.626</u> ¢/kWh	NR	
Excess	4.57 <u>4.204</u> ¢/kWh	4.59 <u>2.222</u> ¢/kWh	NR	
Demand Charge per kW:	\$5.88 /kW	\$4.73 /kW	NR	

NORTH DAKOTA PUBLIC SERVICE COMMISSION
in North Dakota
Case No. PU-~~08-862~~17-
Approved by order dated ~~November 25, 2009~~
Gerhardson
President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,
APPROVED: Bernadeen BrutlagBruce G.
Manager, Regulatory ServicesVice

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
N
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 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.

~~N~~
~~N~~
~~N~~
~~N~~

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota
Case No. PU-~~08-862~~17-
Approved by order dated ~~November 25, 2009~~
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President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.
Manager, Regulatory Services Vice



DEFINITIONS OF SEASONS:

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

X
X
X

DETERMINATION OF FACILITIES CHARGE: The monthly measured demand will be based on the greater of 80 kW or 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 will be based on the largest of the most recent 12 monthly measured demands.

X
X
X
X

DETERMINATION OF BILLING DEMAND: The billing demand shall be the greater of 80 kW or the maximum kW as measured by a suitable demand meter for any period of 15 consecutive minutes during the month for which the bill is rendered adjusted for Excess Reactive Demand.

X
X
X
X

ADJUSTMENT FOR EXCESS REACTIVE DEMAND: The billing demand shall be increased by one kW for each whole 10 kvar of measured reactive demand in excess of 50% of the measured demand in kW.

C

NORTH DAKOTA PUBLIC SERVICE COMMISSION in North Dakota Case No. PU-08-86217- Approved by order dated November 25, 2009 Gerhardson President, Regulatory Affairs

EFFECTIVE with bills rendered on and after December 1, 2009 January 1, 2018, APPROVED: Bernadeen Brutlag Bruce G. Manager, Regulatory Services Vice

COMMERCIAL SERVICE - TIME OF USE

DESCRIPTION	RATE CODE
Declared-Peak	50-708
Intermediate	50-709
Off-Peak	50-710

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

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

RATE:

COMMERCIAL SERVICE - TIME OF USE			
Customer Charge per Month:	\$16.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month: per annual max. kW (minimum 20kW per Month)	\$0.52 /kW		
Energy Charge per kWh:	Summer	Winter	
Declared-Peak	20. 663 <u>293</u> ¢/kWh	13. 679 <u>309</u> ¢/kWh	
Intermediate	7. 004 <u>6.634</u> ¢/kWh	7. 098 <u>6.728</u> ¢/kWh	
Off-Peak	4. 149 <u>3.779</u> ¢/kWh	4. 295 <u>3.925</u> ¢/kWh	
Demand Charge per kW:	Summer	Winter	
Declared-Peak	\$0.00 /kW	\$0.00 /kW	
Intermediate	\$2.51 /kW	\$2.90 /kW	
Off-Peak	\$0.00 /kW	\$0.00 /kW	

R
R
R

NORTH DAKOTA PUBLIC SERVICE COMMISSION
in North Dakota
Case No. PU-~~08-862~~17-
Approved by order dated ~~November 25, 2009~~
Gerhardson

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and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~Bruce G.

Manager, Regulatory ServicesVice

President, Regulatory Affairs

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
N
N
N

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

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

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

WINTER SEASON - OCTOBER 1 THROUGH MAY 31 BILLINGS

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

Intermediate: All hours other than declared-peak and off-peak

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

SUMMER SEASON - JUNE 1 THROUGH SEPTEMBER 30 BILLINGS

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

Intermediate: All hours other than declared-peak and off-peak

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

DECLARED-PEAK NOTIFICATION: The Company shall make available to Customers, no later than 4:00 p.m. (Central Time) of the preceding day, "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,

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota
Case No. PU-~~08-86217-~~
Approved by order dated ~~November 25, 2009~~
Gerhardson

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.

Manager, Regulatory Services Vice

President, Regulatory Affairs

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.

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

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



Fergus Falls, Minnesota

LARGE GENERAL SERVICE - TIME OF DAY - EXPERIMENTAL

DESCRIPTION	On-Peak	Shoulder	Off-Peak
Secondary Service	50-611	50-615	50-613
Primary Service	50-610	50-614	50-612
Transmission Service	50-639	50-637	50-640

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

~~LC~~
~~LC~~

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

~~LC~~
~~LC~~

RATE:

SECONDARY SERVICE			
Customer Charge per Month:	\$60.00		
Monthly Minimum Bill:	\$325.00 + Customer + Facilities Charge		
Facilities Charge per Month:			
per Annual Maximum kW			
(Minimum 80 kW per Month)			
< 1000 kW:	\$0.30/kW		
>= 1000 kW:	\$0.15/kW		
Energy Charge per kWh:	Summer	Winter	
On-Peak	8.1507.780 ¢/kWh	7.3146.944 ¢/kWh	
Shoulder	6.2475.877 ¢/kWh	5.949579 ¢/kWh	
Off-Peak	3.721351 ¢/kWh	4.1993.829 ¢/kWh	
Demand Charge per kW:	Summer	Winter	
On-Peak	\$5.75 /kW	\$4.42 /kW	
Shoulder	\$1.59 /kW	\$1.22 /kW	
Off-Peak	\$0.00 /kW	\$0.00 /kW	

~~NR~~

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NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

Case No. PU-~~08-86217-~~

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.

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President, Regulatory Affairs



Fergus Falls, Minnesota

Interim
 North Dakota, Section 10.05
ELECTRIC RATE SCHEDULE
Large General Service – Time of Day - Experimental
 Page 2 of 5
~~Second-Third~~ Revision

PRIMARY SERVICE			NR
Customer Charge per Month:	\$60.00		NR
Monthly Minimum Bill:	\$325.00 + Customer + Facilities Charge		NR
Facilities Charge per Month: Per Annual Maximum kW (Minimum 80 kW)	\$0.11		NR
Energy Charge per kWh:	Summer	Winter	
On-Peak	8.11 <u>7.745</u> ¢/kWh	7.27 <u>6.908</u> ¢/kWh	NR
Shoulder	6.22 <u>5.851</u> ¢/kWh	5.92 <u>5.51</u> ¢/kWh	NR
Off-Peak	3.70 <u>3.339</u> ¢/kWh	4.18 <u>3.811</u> ¢/kWh	NR
Demand Charge per kW:	Summer	Winter	
On-Peak	\$5.71 /kW	\$4.39 /kW	NR
Shoulder	\$1.57 /kW	\$1.21 /kW	NR
Off-Peak	\$0.00 /kW	\$0.00 /kW	NR
TRANSMISSION SERVICE			
Customer Charge per Month:	\$60.00		NR
Monthly Minimum Bill:	\$325.00 + Customer + Facilities Charge		NR
Facilities Charge per Month:	\$0.00		NR
Energy Charge per kWh:	Summer	Winter	
On-Peak	7.90 <u>5.30</u> ¢/kWh	7.06 <u>3.693</u> ¢/kWh	NR
Shoulder	6.06 <u>5.696</u> ¢/kWh	5.75 <u>2.382</u> ¢/kWh	NR
Off-Peak	3.63 <u>2.65</u> ¢/kWh	4.07 <u>3.700</u> ¢/kWh	NR
Demand Charge per kW:	Summer	Winter	
On-Peak	\$4.86 /kW	\$3.74 /kW	NR
Shoulder	\$1.06 /kW	\$0.82 /kW	NR
Off-Peak	\$0.00 /kW	\$0.00 /kW	NR

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota

Case No. PU-~~08-86217-~~

Approved by order dated ~~November 25, 2009~~
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President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

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Manager, Regulatory Services Vice



Fergus Falls, Minnesota

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

~~N~~
~~N~~
~~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 rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

~~N~~
~~N~~
~~N~~
~~N~~

DEFINITIONS OF SEASONS:

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

~~N~~
~~N~~
~~N~~

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

~~N~~
~~N~~
~~N~~
~~N~~

METERED AND ESTABLISHED DEMAND: The Metered Demand shall be the maximum kW registered over any period of one hour during the month for which the bill is rendered. The Established Demand shall be the Metered Demand adjusted for excess reactive demand.

~~N~~
~~N~~
~~N~~

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

~~N~~
~~N~~
~~N~~

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

~~LC~~

WINTER SEASON - OCTOBER 1 THROUGH MAY 31 BILLINGS

~~LC~~

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

~~LC~~
~~LC~~

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

~~LC~~
~~LC~~

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

Case No. PU-~~08-86217-~~

Approved by order dated ~~November 25, 2009~~
Gerhardson

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President, Regulatory Affairs

Manager, Regulatory Services Vice



Fergus Falls, Minnesota

Sunday 6:00 p.m. to 10:00 p.m.

LC

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

LC

LC

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota

Case No. PU-~~08-86217-~~

Approved by order dated ~~November 25, 2009~~
Gerhardson

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EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

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Manager, Regulatory Services Vice



Fergus Falls, Minnesota

SUMMER SEASON - JUNE 1 THROUGH SEPTEMBER 30 BILLINGS LC

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

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

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

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

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota

Case No. PU-~~08-86217-~~

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Gerhardson

President, Regulatory Affairs

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Manager, Regulatory Services Vice



Fergus Falls, Minnesota

STANDBY SERVICE

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

N
N
N
N
N

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

LC
LC

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

N
N
N

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.
2. Utilizes Extended Parallel Generation Systems to meet all or a portion of electrical requirements, which is capable of greater than 60 kW. Customers with Extended Parallel Generation Systems used to meet all or a portion of electrical requirements that are capable of 60 kW or less are considered Non-Standby Service Customers and exempt from paying standby charges. Please see Attachment No. 1-Definitions for more information regarding Non-Standby Service Customers.

N
N
N
N
N
N
N

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

N
N

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.

N
N
N
N

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota

Case No. PU-~~08-862~~17-

Approved by order dated ~~November 25, 2009~~
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APPROVED: ~~Bernadeen Brutlag~~Bruce G.

Manager, Regulatory ServicesVice



Fergus Falls, Minnesota

Interim
North Dakota, Section 11.01
ELECTRIC RATE SCHEDULE
Standby Service
Page 2 of 11
~~Eighth~~ Ninth Revision

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota
Case No. PU-~~08-862~~17-
Approved by order dated ~~November 25, 2009~~
Gerhardson
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Fergus Falls, Minnesota

Interim
 North Dakota, Section 11.01
ELECTRIC RATE SCHEDULE
Standby Service
 Page 4 of 11
Eighth-Ninth Revision

On-Peak Charge	7.06 <u>36.693</u> ¢/kWh	7.27 <u>86.908</u> ¢/kWh	7.314 <u>6.944</u> ¢/kWh
Shoulder Charge	5.75 <u>2382</u> ¢/kWh	5.92 <u>1-551</u> ¢/kWh	5.949 <u>579</u> ¢/kWh
Off-Peak Charge	4.07 <u>03.700</u> ¢/kWh	4.18 <u>13.811</u> ¢/kWh	4.199 <u>3.829</u> ¢/kWh

NR

NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 in North Dakota
 Case No. PU-~~08-862~~17-
 Approved by order dated ~~November 25, 2009~~
Gerhardson

President, Regulatory Affairs

EFFECTIVE with bills rendered on
 and after ~~December 1, 2009~~ January 1, 2018,

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Manager, Regulatory ServicesVice



Fergus Falls, Minnesota

Off-Peak Charge	4.07 <u>3.700</u> ¢/kWh	4.18 <u>3.811</u> ¢/kWh	4.19 <u>3.829</u> ¢/kWh
-----------------	---------------------------------------	---------------------------------------	---------------------------------------

INTERIM RATE ADJUSTMENT:

N

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota
Case No. PU-~~08-862~~17-
Approved by order dated ~~November 25, 2009~~
Gerhardson

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and after ~~December 1, 2009~~ January 1, 2018,

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Manager, Regulatory ServicesVice

President, Regulatory Affairs



- 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. N
N
- 5. Any Excess Facilities Investment required to furnish service under this Tariff will be provided at the Customer's expense. N
N
- 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. N
N
N
N
N
- 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. N
N
N
N

DEFINITIONS AND USEFUL TERMS: N

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. N
N
N
N

Backup Service is the energy and demand supplied by the utility during unscheduled outages of the Customer's generator. N
N

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

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

Contracted Backup Demand is the amount of capacity selected to backup Customer's generation, not to exceed the capability of the Customer's generator. N
N

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"). N
N
N

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota

Case No. PU-~~08-862~~17-

Approved by order dated ~~November 25, 2009~~
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President, Regulatory Affairs

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Manager, Regulatory ServicesVice



Energy is the Customer’s electric consumption requirement, measured in Kilowatt-hours (“kWh”). ~~N~~
~~N~~

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. ~~N~~
~~N~~
~~N~~

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. ~~N~~
~~N~~
~~N~~
~~N~~

MAPP is the Mid-Continent Area Power Pool or any successor agency assuming or charged with similar responsibility. ~~N~~
~~N~~

MISO is the Midwest Independent Transmission System Operator that assures industry consumers of unbiased regional grid management and open access to the transmission facilities under Midwest ISO's functional supervision. ~~N~~
~~N~~
~~N~~

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. ~~N~~
~~N~~
~~N~~
~~N~~
~~N~~

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. ~~N~~
~~N~~
~~N~~

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. ~~N~~
~~N~~
~~N~~

For Large General Service or Large General Service-Time of Use Customers, a Special Minimum Demand may apply. ~~N~~
~~N~~

For more information regarding Extended Parallel Generation Systems, Physical ~~N~~



Assurance Customers, Special Minimum Demand, and Standby Service for Customers, please see these terms under Definitions.

~~N~~
~~N~~

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.

~~N~~
~~N~~
~~N~~
~~N~~

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

~~N~~
~~N~~

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

~~N~~
~~N~~

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.

~~N~~
~~N~~
~~N~~
~~N~~

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

~~N~~
~~N~~

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.

~~N~~
~~N~~
~~N~~
~~N~~
~~N~~
~~N~~
~~N~~
~~N~~

Special Minimum Demand is a special demand calculation that the Company may use at its option for Large General Service or Large General Service-Time of Day Customers. The terms are outlined in Sections 10.03 and 10.05.

~~N~~
~~N~~
~~N~~

Standby Service Customer is 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,

~~N~~
~~N~~
~~N~~



Fergus Falls, Minnesota

municipal outdoor lighting, or Customers with emergency standby generators. N

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

Summer Off-Peak: For all other Summer Season kW and kWh not covered by either shoulder or off-peak. N

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

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

Supplemental Service is the energy and demand supplied by the utility in addition to the capability of the on-site generator. Except for determination of Demand, Supplemental Service shall be provided under Standard Rate Schedule 10.05. N

Supplemental Demand (a component of Supplemental Service) is the metered demand measured on a Company meter during on-peak and off-peak periods, less Contracted Backup Demand. N

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

Winter Off-Peak: All other Winter Season kW and kWh not covered by either shoulder or off-peak. N

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

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

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota

Case No. PU-~~08-86217-~~

Approved by order dated ~~November 25, 2009~~
Gerhardson

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EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.

Manager, Regulatory Services Vice

IRRIGATION SERVICE

DESCRIPTION	RATE CODES
Option 1: Non-Time-of-Use	50-703
Option 2: Declared-Peak	50-704
Option 2: Intermediate	50-705
Option 2: Off-Peak	50-706

N
N
€
€
€
€

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

LC
LC

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.

LC

RATE:

OPTION 1			
Customer Charge per Month:	\$1.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month:	Customer-Specific see Tariff		
	Summer		Winter
Energy Charge per kWh:	6.896526 ¢/kWh		5.1454 775 ¢/kWh

N
NR
NR
NR
NR

NORTH DAKOTA PUBLIC SERVICE COMMISSION
in North Dakota
Case No. PU-08-86217-
Approved by order dated ~~November 25, 2009~~
Gerhardson

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

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OPTION 2					N
Customer Charge per Month:	\$5.00				NR
Monthly Minimum Bill:	Customer + Facilities Charge				NR
Facilities Charge per Month:	Customer-Specific see Tariff				NR
Energy Charge per kWh:	Summer		Winter		
Declared-Peak	14. 45 <u>080</u>	¢/kWh	8. 76 <u>039</u> <u>0</u>	¢/kWh	NR
Intermediate	5. 44 <u>071</u>	¢/kWh	5.1114 <u>741</u>	¢/kWh	NR
Off-Peak	2. 64 <u>272</u>	¢/kWh	2.61224 <u>2</u>	¢/kWh	NR

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

FACILITIES CHARGE: Customers served under this rate shall pay an annual fixed charge equal to 18% of 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 equal to 3.5% of the investment of the Company, in lieu of the 18% annual fixed charge.

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

NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 in North Dakota
 Case No. PU-~~08-862~~17-
 Approved by order dated ~~November 25, 2009~~
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 and after ~~December 1, 2009~~ January 1, 2018,

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Manager, Regulatory Services Vice



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.

~~N~~
~~N~~

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

~~N~~
~~N~~

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

~~N~~

Declared-Peak: Hours declared.

~~N~~

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

~~N~~

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

~~N~~
~~N~~

SUMMER SEASON – June 1 through September 30

~~N~~

Declared-Peak: Hours declared.

~~N~~

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

~~N~~

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

~~N~~
~~N~~

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

~~C~~
~~C~~

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

~~N~~
~~N~~
~~N~~
~~N~~

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

~~N~~
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~~N~~
~~N~~
~~N~~

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

~~N~~
~~N~~

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota
Case No. PU-~~08-86217-~~
Approved by order dated ~~November 25, 2009~~
Gerhardson

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EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

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

DESCRIPTION	RATE CODES
Sign Lighting	50-744
Outdoor Lighting - Metered	50-748
Outdoor Lighting - Non-Metered	50-749

N
 N
 N
 LC
 C
 C

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

LC
 LC

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

C
 C
 C

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

C
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 C

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

C
 C
 C
 C

RATE – METERED:

OUTDOOR LIGHTING - ENERGY ONLY – METERED RATE	
Customer Charge per Month:	\$2.00
Monthly Minimum Bill:	Customer Charge
Energy Charge per kWh:	6.978608 ¢/kWh

N
 NR
 NR
 NR

NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 in North Dakota
 Case No. PU-08-86217-
 Approved by order dated ~~November 25, 2009~~
Gerhardson

EFFECTIVE with bills rendered on
 and after ~~December 1, 2009~~ January 1, 2018,
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RATE – NON-METERED:

**SIGN LIGHTING/OUTDOOR LIGHTING
NON-METERED RATE**
Monthly charge = Connected kW x \$~~23.84~~22.58, where Connected kW is
the rated power of the lighting fixture (including ballast).

~~N~~
~~N~~
~~NR~~
~~N~~

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

~~N~~
~~N~~
~~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 rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

~~N~~
~~N~~
~~N~~
~~N~~

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

~~N~~
~~N~~

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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NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota
Case No. PU-~~08-86217-~~
Approved by order dated ~~November 25, 2009~~
Gerhardson

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.

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Manager, Regulatory Services Vice



**OUTDOOR LIGHTING
DUSK TO DAWN**

~~N~~

DESCRIPTION	RATE CODE
Street and Area Lighting	50-741
Floodlighting	50-743

~~N~~

~~N~~

~~E~~

~~E~~

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

~~LC~~

~~LC~~

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.

~~LC~~

~~LC~~

~~LC~~

RATE:

STREET AND AREA LIGHTING			
Unit Type	Lumens	Wattage	Monthly Charge
MV-6	6,000	175	7.01 6.64
MV-6PT	6,000	175	10.00 9.63
MV-11	11,000	250	12.70 12.33
MV-21	21,000	400	16.72 16.35
MV-35	35,000	700	24.53 24.16
MV-55	55,000	1000	31.36 30.99
MA-8	8,500	100	8.46 8.09
MA-14	14,000	175	16.10 15.73
MA-20	20,500	250	18.38 18.01
MA-36	36,000	400	18.00 17.63
MA-110	110,000	1000	38.41 38.04
HPS-9	9,000	100	7.52 7.15
HPS-9PT	9,000	100	9.72 9.35
HPS-14	14,000	150	11.71 11.34
HPS-14PT	14,000	150	12.53 12.16
HPS-19	19,000	200	13.61 13.24
HPS-23	23,000	250	15.40 15.03

~~N~~

~~N~~

~~N~~

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NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 North Dakota

EFFECTIVE with bills rendered on
 and after ~~December 1, 2009~~ January 1, 2018, in

Case No. PU-~~08-86217-~~

Approved by order dated ~~November 25, 2009~~
Gerhardson

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President, Regulatory Affairs



HPS-44	44,000	400	19.01 <u>18.64</u>
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NR

FLOODLIGHTING		
Fixture	Unit Type	Monthly Charge
400 MV-Flood	Mercury Vapor	17.35 <u>16.98</u>
400 MA-Flood	Metal Additive Mercury	18.49 <u>18.12</u>
400 HPS-Flood	High Pressure Sodium	18.90 <u>18.53</u>
1000 MV-Flood	Mercury Vapor	30.44 <u>30.07</u>
1000 MA-Flood	Metal Additive Mercury	32.11 <u>31.74</u>

N
N
N
NR
NR
NR
NR
NR

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.

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
N
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 rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

N
N
N
N

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

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A fixed charge of \$10.80 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.

RC
RC
RC

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.

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UNDERGROUND SERVICE: If a Customer requests underground service to any outdoor

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NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 North Dakota
 Case No. PU-~~08-86217-~~
 Approved by order dated ~~November 25, 2009~~
Gerhardson

EFFECTIVE with bills rendered on
 and after ~~December 1, 2009~~ January 1, 2018, in

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Manager, Regulatory Services Vice



lighting unit or sign, the Company will supply a span of up to 200 feet of wire and add an additional \$1.96 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.**

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.

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

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
North Dakota
Case No. PU-~~08-86217-~~
Approved by order dated ~~November 25, 2009~~
Gerhardson
President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018, in
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Manager, Regulatory ServicesVice



MUNICIPAL PUMPING SERVICE

DESCRIPTION	RATE CODE	
Secondary Service	50-872	N N € N
Primary Service	50-874	

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

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. LC
LC
LC
LC
LC
LC

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

RATE:

SECONDARY SERVICE							
Customer Charge per Month:	\$4.00		N NR				
Monthly Minimum Bill:	Customer + Facilities Charge		NR				
Facilities Charge per Month:	\$4.00		NR				
Energy Charge per kWh:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Summer</th> <th style="width: 50%;">Winter</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">6.523153 ¢/kWh</td> <td style="text-align: center;">5.950580 ¢/kWh</td> </tr> </tbody> </table>	Summer	Winter	6.523153 ¢/kWh	5.950580 ¢/kWh		NR
Summer	Winter						
6.523153 ¢/kWh	5.950580 ¢/kWh						

NORTH DAKOTA PUBLIC SERVICE COMMISSION
North Dakota

Case No. PU-08-86217-

Approved by order dated ~~November 25, 2009~~
Gerhardson

President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018, in

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.

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PRIMARY SERVICE			N				
Customer Charge per Month:	\$4.00		NR				
Monthly Minimum Bill:	Customer + Facilities Charge		NR				
Facilities Charge per Month:	\$2.68		NR				
Energy Charge per kWh:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 2px 5px;">Summer</td> <td style="padding: 2px 5px;">Winter</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px 5px;">6.494124 ¢/kWh</td> <td style="padding: 2px 5px;">5.922552 ¢/kWh</td> </tr> </table>	Summer	Winter	6.494124 ¢/kWh	5.922552 ¢/kWh		NR
Summer	Winter						
6.494124 ¢/kWh	5.922552 ¢/kWh						

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

~~N~~
~~N~~
~~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 rate schedule. See Sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

~~N~~
~~N~~
~~N~~
~~N~~

DEFINITIONS OF SEASONS:

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

~~N~~
~~N~~
~~N~~

NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 North Dakota

Case No. PU-08-86217-

Approved by order dated ~~November 25, 2009~~
Gerhardson

President, Regulatory Affairs

EFFECTIVE with bills rendered on
 and after ~~December 1, 2009~~ January 1, 2018, in

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Manager, Regulatory Services ~~Vice~~



Fergus Falls, Minnesota

CIVIL DEFENSE - FIRE SIRENS

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DESCRIPTION	RATE CODE
Civil Defense – Fire Sirens	50-843

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

LC

LC

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

LC

LC

RATE:

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

✗

NR

NR

NR

NR

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N

N

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

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NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota

Case No. PU-08-86217-

Approved by order dated ~~November 25, 2009~~
Gerhardson

President, Regulatory Affairs

EFFECTIVE with bills rendered
on and after ~~December 1, 2009~~ January 1, 2018,

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Manager, Regulatory Services Vice



Fergus Falls, Minnesota

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.

✗
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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.

✗
✗
✗



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

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

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

METERING CHARGE: \$1.40 per month

PAYMENT SCHEDULES: Base Avoided Costs: 3.271¢ per kWh

R

Base Avoided Costs plus Renewable Energy Credit: 3.323¢ per kWh

R

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

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

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
N
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.

NORTH DAKOTA PUBLIC
SERVICE COMMISSION

EFFECTIVE with bills rendered on
and after ~~March 1, 2017~~ January 1, 2018, in
North Dakota

Case No. PU-17-~~32~~
Approved by order dated ~~January 31, 2017~~
Gerhardson

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

Vice President,



TERMS AND CONDITIONS:

The use of this rider requires that special precautions be taken in the design of associated metering and control systems. The following terms and conditions describe these precautions and shall be followed on all Customer-owned small qualifying facilities (SQF).

1. The Customer will be compensated monthly for all net energy received from the SQF less the metering charge. Net energy is that energy delivered by the SQF to the Company in excess of that received by the SQF from the Company during the same billing period. The schedule for these payments is subject to annual review.
2. If the SQF is located at a site outside of the Company's service territory and energy is delivered to the Company through facilities owned by another utility, energy payments will be adjusted downward reflecting losses occurring between the point of metering and the point of delivery.
3. If required, a separate meter will be furnished, owned and maintained by the Company to measure the energy to the Company. Separate monthly charges may apply for any additional metering installed by the Company at the Customer's request.
4. The SQF shall make provisions for the installation of Company owned on-site metering. All energy received from and delivered to the Company shall be metered. On-site use of the SQF output shall be unmetered for purposes of compensation.
5. In the event the SQF desires wheeling by the Company of the SQF output, arrangements will be made subject to special consideration.
6. The Customer shall pay for any increased capacity of the distribution equipment serving him and made necessary by the installation of the generator.
7. Power and energy purchased by the SQF from the Company shall be billed under the available retail rates for the purchase of electricity.
8. The generator output must be compatible with the Utility system. The Customer's 60 hertz generator output must be at the voltage and phase relationship of the existing service or of one mutually agreeable to the Company and the Customer.

NORTH DAKOTA PUBLIC
SERVICE COMMISSION

Case No. PU-17-~~32~~
Approved by order dated ~~January 31, 2017~~
Gerhardson

AdministrationRegulatory Affairs

EFFECTIVE with bills rendered on
and after ~~March 1, 2017~~January 1, 2018, in
North Dakota

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

Vice President,



9. The Customer will provide equipment to maintain a unity power factor + or - 10% during periods of generator operation.
10. The Company reserves the right to disconnect the customer's generator from its system if it interferes with the operation of the Company's equipment or with the equipment of other company customers.
11. The Customer is required to follow the Company's interconnection process which requires that prior to installation, a detailed diagram of the generator and related equipment must be furnished to the Company for its approval.
12. The Customer shall execute an electric service agreement with the Company which may include, among other provisions, a minimum term of service.
13. The SQF shall indemnify and save harmless the Company from and against 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, operation or removal of the SQF or by any related act or omission of the SQF, its employees, agents, contractors or subcontractors.
14. Equipment shall be provided by the Customer that provides a means of preventing feedback to the Company during an outage or interruption of that system as well as a visible means to disconnect the generator from the Utility that is readily accessible by Utility employees.
15. The Customer shall install, own, and maintain all equipment deemed necessary by the Company to assure proper parallel operation of the system.
16. Any renewable energy credits associated with the renewable energy sold to the Company will be transferred to the Company and the renewable generator will be compensated an additional payment of \$0.52/MWh (\$0.00052/kWh), as shown in the payment schedule. **R**

NORTH DAKOTA PUBLIC
SERVICE COMMISSION

Case No. PU-17-~~32~~
Approved by order dated ~~January 31, 2017~~
Gerhardson

~~Administration~~ Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~March 1, 2017~~ January 1, 2018, in
North Dakota

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

Vice President,



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

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

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

METERING CHARGE: \$12.85 per month

PAYMENT SCHEDULE:

ENERGY:

Base Avoided Costs	<u>On-Peak 50-9030</u>	<u>Off-Peak 50-9031</u>	
Summer	4.154¢ per kWh	2.533¢ per kWh	R
Winter	3.783¢ per kWh	2.458¢ per kWh	R
Base Avoided Costs			
Plus Renewable Energy Credit	<u>On-Peak 50-9032</u>	<u>Off-Peak 50-9033</u>	
Summer	4.206¢ per kWh	2.585¢ per kWh	R
Winter	3.835¢ per kWh	2.510¢ per kWh	R

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
N
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.

NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 Case No. PU-~~12-18~~17-
 Approved by order dated ~~February 29, 2012~~
Gerhardson
 Vice President, ~~Administration~~Regulatory Affairs

EFFECTIVE with bills rendered on
 and after ~~March 1, 2012~~, in North Dakota

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



SPECIAL CONDITIONS OF SERVICE: The minimum contracted term of service is 12 months.

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

DEFINITIONS:

Summer On-Peak: June 1 through September 30 including those hours from 8:00 a.m. to 10:00 p.m., Monday through Friday, excluding holidays.

Summer Off-Peak: All other hours including the three holidays of Memorial Day, Independence Day and Labor Day.

Winter On-Peak: October 1 through May 31 including those hours from 7:00 a.m. to 10:00 p.m., Monday through Friday, excluding holidays.

Winter Off-Peak: All other hours including the three holidays of Thanksgiving Day, Christmas Day and New Year's Day.

TERMS AND CONDITIONS:

The use of this rate requires that special precautions be taken in the design of associated metering and control systems. The following terms and conditions describe these precautions and shall be followed on all Customer-owned small qualifying facilities (SQF).

1. The Customer will be compensated monthly for all net energy received from the SQF less the metering charge. Net energy is that energy delivered by the SQF to the Company in excess of that received by the SQF from the Company during the same billing period. The schedule for these payments is subject to annual review.
2. If the SQF is located at a site outside of the Company's service territory and energy is delivered to the Company through facilities owned by another utility, energy payments will be adjusted downward reflecting losses occurring between the point of metering and the point of delivery.
3. If required, a separate meter will be furnished, owned and maintained by the Company to measure the energy to the Company. Separate monthly charges may apply for any additional metering installed by the Company at the Customer's request.

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
Case No. PU-~~17-3217-~~
Approved by order dated ~~January 31, 2017~~
Gerhardson

AdministrationRegulatory Affairs

EFFECTIVE with bills rendered on
and after ~~March 1, 2017~~, in North Dakota

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

Vice President,



-
4. The SQF shall make provisions for the installation of Company owned on-site metering. All energy received from and delivered to the Company shall be metered. On site use of the SQF output shall be unmetered for purposes of compensation.
 5. In the event the SQF desires wheeling by the Company of the SQF output, arrangements will be made subject to special consideration.
 6. The Customer shall pay for any increased capacity of the distribution equipment serving him and made necessary by the installation of his generator.
 7. Power and energy purchased by the SQF from the Company shall be billed under the available retail rates for the purchase of electricity.
 8. The generator output must be compatible with the Utility system. The Customer's 60 hertz generator output must be at the voltage and phase relationship of the existing service or of one mutually agreeable to the Company and the Customer.
 9. The Customer will provide equipment to maintain a unity power factor + or - 10% during periods of generator operation.
 10. The Company reserves the right to disconnect the Customer's generator from its system if it interferes with the operation of the Company's equipment or with the equipment of other Company Customers.
 11. The Customer is required to follow the Company's interconnection process which requires that prior to installation, a detailed diagram of the generator and related equipment must be furnished to the Company for its approval.
 12. The Customer shall execute an electric service agreement with the Company which may include, among other provisions, a minimum term of service.
 13. The SQF shall indemnify and save harmless the Company from and against 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, operation or removal of the SQF or by any related act or omission of the SQF, its employees, agents, contractors or subcontractors.



14. Equipment shall be provided by the Customer that provides a means of preventing feedback to the Company during an outage or interruption of that system as well as a visible means to disconnect the generator from the Utility that is readily accessible by Utility employees.
15. The Customer shall install, own and maintain all equipment deemed necessary by the Company to assure proper parallel operation of the system.
16. Any renewable energy credits associated with the renewable energy sold to the Company will be transferred to the Company and the renewable generator will be compensated an additional payment of \$0.52/MWh (\$0.00052/kWh), as shown in the payment schedule. **R**

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
Case No. PU-~~17-3217-~~
Approved by order dated ~~January 31, 2017~~
Gerhardson

Administration Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~March 1, 2017~~, in North Dakota

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

Vice President,



**SMALL POWER PRODUCER RIDER
DEPENDABLE SERVICE**

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

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

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
N
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.

METERING CHARGE: \$12.85 per month

PAYMENT SCHEDULE:

ENERGY:

Base Avoided Costs	<u>On-Peak 50-9040</u>	<u>Off-Peak 50-9041</u>	
Summer	4.154¢ per kWh	2.533¢ per kWh	R
Winter	3.783¢ per kWh	2.58¢ per kWh	RC

Base Avoided Costs			
Plus Renewable Energy Credit	<u>On-Peak 50-9042</u>	<u>Off-Peak 50-9043</u>	
Summer	4.206¢ per kWh	2.585¢ per kWh	R
Winter	3.835¢ per kWh	2.510¢ per kWh	R

CAPACITY:

Monthly \$/kW

Monthly \$/kW

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
Dakota

EFFECTIVE with bills rendered on
and after ~~March 1, 2017~~ January 1, 2018, in North

Case No. PU-~~17-3217-~~

Approved by order dated ~~January 31, 2017~~
Gerhardson

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

Vice President, ~~Administration~~ Regulatory



Contract <u>Term</u> 60 mos.	Net Capacity <u>Rate</u> \$5.21	Levelized <u>Rate</u> \$1.04	R
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NORTH DAKOTA PUBLIC
SERVICE COMMISSION
Dakota
Case No. PU-~~17-3217-~~
Approved by order dated ~~January 31, 2017~~
Gerhardson
Affairs

EFFECTIVE with bills rendered on
and after ~~March 1, 2017~~January 1, 2018, in North
APPROVED: ~~Thomas R. Brause~~Bruce G.
Vice President, ~~Administration~~Regulatory



120 mos.	\$5.60	\$3.36	R
180 mos.	\$5.98	\$4.39	R
240 mos.	\$6.36	\$5.09	R
300 mos.	\$6.73	\$5.66	R
360 mos.	\$7.11	\$6.16	R

Energy payment will be adjusted annually to reflect energy costs.

Total capacity payment equals (accredited capacity value of the Qualifying Facility) times (capacity ratio) times (appropriate levelized capacity rate).

Capacity Ratio equals (Qualifying Facility on-peak capacity factor) divided by 65%.

The Capacity Ratio shall not exceed a value of 1 **or** if the Qualifying Facility is dispatchable by the Company and tested under the Mid-continent Independent System Operator (MISO) guidelines, then the capacity ratio automatically equals 1.

SPECIAL CONDITIONS OF SERVICE:

1. A qualifying facility, desiring dependable service compensation shall execute a contract agreement for a term of 5, 10, 15, 20, 25, or 30 years.
2. In the event that a qualifying facility terminates service, the Dependable Service severance penalty payment will be determined as follows:

The remaining percentage of the contract term will be multiplied by the average capacity compensation per month and the result multiplied by six months. The average capacity compensation per month will be determined for the last three years or from the contract's initiation, whichever is the shorter period.

In addition, capacity compensation from the initiation of the contract will be recalculated at the capacity payment of the longest contract term filled. The following table illustrates the longest contract term filled given the number of months that payments were made:

NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 Dakota
 Case No. PU-~~17-3217-~~
 Approved by order dated ~~January 31, 2017~~
Gerhardson

EFFECTIVE with bills rendered on
 and after ~~March 1, 2017~~ January 1, 2018, in North

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

Vice President, ~~Administration~~ Regulatory



<u>Months of Payments</u>	<u>Contract Term Filled</u>
0 - 119	60
120 - 179	120
180 - 239	180
240 - 299	240
300 - 360	300

SPECIAL CONDITIONS OF SERVICE:

The difference between the actual payments made and the recalculated payments must be repaid with interest. The interest rate used will be the average prime interest rate during the contract period prior to the severance.

3. Qualifying facility may select a total of 30 scheduled maintenance days per year, to be taken in two periods, neither of which shall be less than one week in duration at a time agreeable to the Company. A 30-day prior notice must be given to the Company before a scheduled maintenance period can be established.

Capacity payment for a monthly period in which scheduled maintenance has occurred will be the greater of the capacity payment using the regular billing procedure or the average billing capacity payment since the previous month in which a scheduled maintenance period occurred.

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

DEFINITIONS:

Dependable Service: Qualifying facility can deliver power at a minimum of 65% on-peak capacity factor in each month; can deliver power during the Company's winter and summer system peaks; and is accredited according to the Midwest Reliability Organization (MRO).

Capacity Factor: The number of Kilowatt-hours delivered during the period divided by the product of the accredited capacity times the number of hours in the period. The maximum capacity factor is 1.0.

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
Dakota
Case No. PU-~~17-3217-~~
Approved by order dated ~~January 31, 2017~~
Gerhardson

EFFECTIVE with bills rendered on
and after ~~March 1, 2017~~ January 1, 2018, in North

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

Vice President, ~~Administration~~ Regulatory



Summer On-Peak: June 1 through September 30 including those hours from 8:00 a.m. to 10:00 p.m., Monday through Friday, excluding holidays.

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
Dakota
Case No. PU-~~17-3217-~~
Approved by order dated ~~January 31, 2017~~
Gerhardson
Affairs

EFFECTIVE with bills rendered on
and after ~~March 1, 2017~~ January 1, 2018, in North
APPROVED: ~~Thomas R. Brause~~ Bruce G.
Vice President, ~~Administration~~ Regulatory

Summer Off-Peak: All other hours including the three holidays of Memorial Day, Independence Day and Labor Day.

Winter On-Peak: October 1 through May 31 including those hours from 7:00 a.m. to 10:00 p.m., Monday through Friday, excluding holidays.

Winter Off-Peak: All other hours including the three holidays of Thanksgiving, Christmas Day and New Year's Day.

TERMS AND CONDITIONS: The use of this rate requires that special precautions be taken in the design of associated metering and control systems. The following terms and conditions describe these precautions and shall be followed on all Customer-owned small qualifying facilities (SQF).

1. The Customer will be compensated monthly for all energy received from the SQF less the metering charge. The schedule for these payments is subject to annual review.
2. If the SQF is located at a site outside of the Company's service territory and energy is delivered to the Company through facilities owned by another utility, energy payments will be adjusted downward reflecting losses occurring between the point of metering and the point of delivery.
3. If required, a separate meter will be furnished, owned and maintained by the Company to measure the energy to the Company. Separate monthly charges may apply for any additional metering installed by the Company at the Customer's request.
4. The SQF shall make provisions for the installation of Company owned on-site metering. All energy received from and delivered to the Company shall be metered. On site use of the SQF output shall be unmetered for purposes of compensation.
5. In the event the SQF desires wheeling by the Company of the SQF output, arrangements will be made subject to special consideration.
6. The Customer shall pay for any increased capacity of the distribution equipment serving him and made necessary by the installation of his generator.

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
Dakota
Case No. PU-~~17-3217-~~
Approved by order dated ~~January 31, 2017~~
Gerhardson

EFFECTIVE with bills rendered on
and after ~~March 1, 2017~~ January 1, 2018, in North

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

Vice President, ~~Administration~~ Regulatory



7. Power and energy purchased by the SQF from the Company shall be billed under the available retail rates for the purchase of electricity.

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
Dakota
Case No. PU-~~17-3217-~~
Approved by order dated ~~January 31, 2017~~
Gerhardson
Affairs

EFFECTIVE with bills rendered on
and after ~~March 1, 2017~~January 1, 2018, in North
APPROVED: ~~Thomas R. Brause~~Bruce G.
Vice President, ~~Administration~~Regulatory



8. The generator output must be compatible with the Utility system. The Customer's 60 hertz generator output must be at the voltage and phase relationship of the existing service or of one mutually agreeable to the Company and the Customer.
9. The Customer will provide equipment to maintain a unity power factor + or - 10% during periods of generator operation.
10. The Company reserves the right to disconnect the Customer's generator from its system if it interferes with the operation of the Company's equipment or with the equipment of other Company Customers.
11. The Customer is required to follow the Company's interconnection process which requires that prior to installation, a detailed diagram of the generator and related equipment must be furnished to the Company for its approval.
12. The Customer shall execute an electric service agreement with the Company which may include, among other provisions, a minimum term of service and generator capacity rating.
13. The SQF shall indemnify and save harmless the Company from and against 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, operation or removal of the SQF or by any related act or omission of the SQF, its employees, agents, contractors or subcontractors.
14. Equipment shall be provided by the Customer that provides a means of preventing feedback to the Company during an outage or interruption of that system as well as a visible means to disconnect the generator from the Utility that is readily accessible by Utility employees.
15. The Customer shall install, own and maintain all equipment deemed necessary by the Company to assure proper parallel operation of the system.
16. Any renewable energy credits associated with the renewable energy sold to the Company will be transferred to the Company and the renewable generator will be compensated an additional payment of \$0.52/MWh (\$0.00052/kWh), as shown in the payment schedule. **R**

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
Dakota
Case No. PU-~~17-3217-~~
Approved by order dated ~~January 31, 2017~~
Gerhardson

EFFECTIVE with bills rendered on
and after ~~March 1, 2017~~ January 1, 2018, in North

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

Vice President, ~~Administration~~ Regulatory



Fergus Falls, Minnesota

ENERGY ADJUSTMENT RIDER

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There shall be added to or deducted from the monthly bill the amount per kilowatt-hour (rounded to the nearest 0.001¢) that the average cost of energy is above or below ~~2.8030~~4327¢ per kilowatt-hour. 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.

The applicable adjustment will be applied effective on any billing dated on or after the first day of each calendar month. 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. Energy from the Company's hydro generating plants shall be included at zero cost.
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 Midwest 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.
3. The actual identifiable fossil and nuclear fuel costs associated with energy purchased for reasons other than identified in 2 above.
4. The net energy cost of energy purchases from a renewable energy source, including hydropower, wood, windpower, and biomass.

N
N
N
N
N
N

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota

Case No. PU-~~08-86217-~~

Approved by order dated ~~November 25, 2009~~
Bruce G. Gerhardson

President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: Bernadeen

Manager, Regulatory Services



Fergus Falls, Minnesota

5. Less the fuel-related costs recovered through intersystem sales.

€

Asset-based Sales Margins, as defined below and in the amount calculated as described below, shall be reflected as a credit to the energy adjustment calculation described in 1-5, above.

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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”).

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The amount of the Asset-based Sales Margin credit shall be determined as described below:

✗

Credit calculation: The credit shall be eighty-five percent (85%) of Asset-based Sales Margins. The Asset-based Sales Margin credit shall be calculated monthly based on a forecast of the margins expected for that month and a true-up shall be made to adjust prior forecasted credits to reflect eighty-five percent (85%) of the actual margins earned in prior months. The true-up adjustments shall be made as soon as reasonably practical after the receipt of actual results and shall reflect MISO and other resettlements that would have impacted prior credits.

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NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

Case No. PU-~~08-86217-~~

Approved by order dated ~~November 25, 2009~~

APPROVED: **Bernadeen**

~~Brutlag~~ Bruce G. Gerhardson

Manager, Regulatory Services Vice

President, Regulatory Affairs



Fergus Falls, Minnesota

RENEWABLE RESOURCE COST RECOVERY RIDER

DESCRIPTION	RATE CODE
All Services	50-520

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

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

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

Renewable Resource Cost Recovery Factor - 7.005756 percent
--

R

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

NORTH DAKOTA PUBLIC
 SERVICE COMMISSION

EFFECTIVE with bills rendered on
 and after ~~April 1, 2017~~ January 1, 2018, in North
 Dakota

Case No. PU-~~17-16~~17-
 Approved by order dated ~~March 16, 2017~~
Gerhardson

APPROVED: Thomas R. Brause Bruce G.

Vice President, Administration Regulatory



Fergus Falls, Minnesota

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

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 RRC Rider. A standard model will be used to calculate the total forecasted North Dakota revenue requirements for eligible measures for the designated period. N
N
N
N
N

True-up: For each recovery period, a true-up adjustment to the RRC Tracker account will be calculated reflecting the difference between actual prior period RRC 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 RRC 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
N
N
N
N
N

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

Forecasted retail revenues used for calculating the RRC 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**) and Section 14.11 (Released Energy Access Program Rider). Retail revenue used for calculating the RRC Factor will not include any Mandatory Riders, except Section 13.05 (Economic Development Cost Removal Rider). N
N
N
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N
N

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

INTERIM RATE ADJUSTMENT: N
A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge. N
N
N
N

NORTH DAKOTA PUBLIC
 SERVICE COMMISSION

EFFECTIVE with bills rendered on
 and after ~~January 1, 2018~~ April 1, 2015, in North
 Dakota

Case No. PU-~~15-1417-~~
 Approved by order dated ~~March 26, 2015-~~
Gerhardson

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

Vice President, ~~Administration~~ Regulatory



Fergus Falls, Minnesota

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. **L**
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L



Fergus Falls, Minnesota

ENVIRONMENTAL COST RECOVERY RIDER

DESCRIPTION	RATE CODE
All Service – Environmental Cost Recovery	50-570
All Service – Reagent and Allowance Cost Recovery	50-572

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

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

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

Environmental Cost Recovery Factor - 7.9046<u>6.629</u> percent

R

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

NORTH DAKOTA PUBLIC SERVICE COMMISSION
North Dakota

EFFECTIVE with bills rendered on and after ~~July 1, 2016~~ January 1, 2018, in

Case No. PU-~~16-14817-~~
Approved by Order dated: ~~June 22, 2016~~
~~Thomas R. Brause~~Bruce G. Gerhardson

APPROVED:

Vice President,

~~Administration~~Regulatory Affairs



Fergus Falls, Minnesota

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

The annual revenue requirements associated with environmental measures eligible for recovery under NDCC 49-05-04.2 that are determined by the Commission to be eligible for recovery under this ECR 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 ECR Tracker account will be calculated reflecting the difference between actual prior period ECR 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 ECR Factor plus carrying charges or credits accrued at the rate of return approved in Otter Tail Power’s most recent general rate case.

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

Forecasted retail revenues used for calculating the ECR 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**) and Section 14.11 (Released Energy Access Program Rider). Retail revenue used for calculating the ECR Factor will not include any Mandatory Riders, except Section 13.05 (Economic Development Cost Removal Rider).

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

DETERMINATION OF THE REAA CHARGE: The REAA Rider charge added to or deducted from the monthly bill shall be the amount per kilowatt-hour (rounded to the nearest 0.001¢) of the average cost of reagents and emissions allowances per kilowatt-hour. The average cost of reagents and emissions allowances per kilowatt-hour for the

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NORTH DAKOTA PUBLIC
SERVICE COMMISSION
North Dakota

EFFECTIVE with bills rendered on
and after ~~May 1, 2015~~ January 1, 2018, in

Case No. PU-~~14-66817-~~
Approved by Order dated: ~~February 25, 2015~~
~~Thomas R. Brause~~ Bruce G. Gerhardson

APPROVED:

N
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Vice President,



Fergus Falls, Minnesota

current period shall be calculated from data covering actual costs from the most recent four-month period as follows:

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

Reagents and Emissions Allowance Adjustment Rider
– calculated on a \$/kWh basis

The reagents and emissions allowance adjustment will be applied effective on any billing dated on or after the first day of each calendar month. The average cost of the reagents and emissions allowance adjustment shall be determined based on the following components:

1. The utility’s share of the cost of reagents used for the reduction of emissions at the Company’s generating plants to meet Federal Environmental Protection Agency rules and regulations.
2. The utility’s share of the cost of purchased emissions allowances necessary to operate the Company’s generating plants in compliance with Federal Environmental Protection Agency rules and regulations.
3. Any purchased or allocable emission allowances that are subsequently sold shall be credited to (flow through) the REAA Rider.
4. The utility’s share of the cost of pebble lime at the Company’s Coyote Generating plant will be excluded from the calculation.

The REAA Rider charge will be included as part of the charge reflected on the Customer’s bill on the line labeled “EPA Req Environmental Cst.”

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
North Dakota
Case No. PU-14-668

Approved by Order dated: ~~February 25, 2015~~
~~Thomas R. Brause~~ Bruce G. Gerhardson

~~Administration~~ Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~May 1, 2015~~ January 1, 2018, in

APPROVED:

Vice President,



Fergus Falls, Minnesota

WATER HEATING CONTROL RIDER

DESCRIPTION	RATE CODE
Separately Metered Water Heating Control Service	50-191
Water Heating Credit Control Service	50-192

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

AVAILABILITY: This rider is available for residential or nonresidential purposes.

RATE:

WATER HEATING - CONTROLLED SERVICE 191		
Customer Charge per Month:	\$1.00	
Monthly Minimum Bill:	Customer + Facilities Charge	
Facilities Charge per Month:	\$1.00	
Energy Charge per kWh:	Summer	Winter
	5.773403 ¢/kWh	5.638268 ¢/kWh

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

INTERIM RATE ADJUSTMENT:
 A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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

NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 in North Dakota
 Case No. PU-~~08-86217-~~
 Approved by order dated ~~November 25, 2009~~
Gerhardson
President, Regulatory Affairs

EFFECTIVE with bills rendered on
 and after ~~December 1, 2009~~ January 1, 2018,
 APPROVED: Bernadeen BrutlagBruce G.
Manager, Regulatory ServicesVice



Fergus Falls, Minnesota

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

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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.

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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 hours.

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DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.

Winter: October 1 through May 31.

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

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NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota
Case No. PU-~~08-86217-~~
Approved by order dated ~~November 25, 2009~~
Gerhardson
President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,
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Manager, Regulatory Services Vice



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

DESCRIPTION	Option 1	Option 2
CT Metering without ancillary load	50-170	N/A
CT Metering without ancillary load (with short duration cycling)	50-165	N/A
Penalty	50-881	N/A
CT Metering with ancillary load		
Uncontrolled period	N/A	50-168
Controlled period	N/A	50-268
CT Metering with ancillary load (with short duration cycling)		
Uncontrolled period	N/A	50-169
Controlled period	N/A	50-269

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

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

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

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

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota

Case No. PU-~~08-86217-~~

Approved by order dated ~~November 25, 2009~~
Gerhardson

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.

Manager, Regulatory Services
Vice President, Regulatory Affairs



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.)

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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RATE:

OPTION 1			
Customer Charge per Month:	\$4.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per annual maximum kW per month:	\$0.08		
	Summer	Winter	
Energy Charge per kWh:	3.1662.796 ¢/kWh	3.0442.674 ¢/kWh	
Penalty:	39.448 ¢/kWh	12.726 ¢/kWh	

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NR

OPTION 2			
Customer Charge per Month:	\$5.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per annual maximum kW per month:	\$0.08		
	Summer	Winter	
Energy Charge per kWh:	3.3362.966 ¢/kWh	3.2082.838 ¢/kWh	

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NORTH DAKOTA PUBLIC SERVICE COMMISSION
in North Dakota

Case No. PU-~~08-86217-~~

Approved by order dated ~~November 25, 2009~~
Gerhardson

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.

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Vice President, Regulatory Affairs



Control Period Demand Charge per kW:	\$7.29 /kW	\$5.61 /kW	
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NR

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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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.

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DEFINITIONS OF SEASONS:

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

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PENALTY PERIODS – OPTION 1 ONLY: 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.

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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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CONTROL CRITERIA: Service may be controlled up to a total of 24 hours 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.

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DETERMINATION OF FACILITIES CHARGE: 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

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NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 in North Dakota
 Case No. PU-~~08-86217-~~
 Approved by order dated ~~November 25, 2009~~
Gerhardson

EFFECTIVE with bills rendered on
 and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.

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Vice President, Regulatory Affairs



be based on the greatest of the current and preceding 11 monthly measured demands. ~~N~~

DETERMINATION OF CONTROL PERIOD DEMAND – OPTION 2 ONLY: The ~~N~~
billing demand measured during the control period for which the bill is rendered shall be the ~~N~~
maximum metered kW for any period of 15 consecutive minutes during the control period. ~~N~~

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota

Case No. PU-~~08-86217-~~

Approved by order dated ~~November 25, 2009~~
Gerhardson

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: ~~Bernadeen Brutlag~~ Bruce G.

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

EL
EL



RATE:

CONTROLLED SERVICE - INTERR LOAD – SELF-CONTAINED			
Customer Charge per Month:	\$2.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month:	\$5.00		
	Summer		Winter
Energy Charge per kWh:	3.659289 ¢/kWh		3.451081 ¢/kWh
Penalty	38.606 ¢/kWh		12.924 ¢/kWh

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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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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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DEFINITIONS OF SEASONS:

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

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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.

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NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 North Dakota
 Case No. PU-08-86217-

EFFECTIVE with bills rendered on
 and after ~~December 1, 2009~~ January 1, 2018, in

Approved by order dated ~~November 25, 2009~~
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President, Regulatory Affairs

Manager, Regulatory Services
Vice



Installation of a dual register meter will be at the option of the Company.

C

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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CONTROL CRITERIA: Service may be controlled up to a total of 24 hours 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.

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

C

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
North Dakota

EFFECTIVE with bills rendered on
and after December 1, 2009 January 1, 2018, in

Case No. PU-08-86217-

Approved by order dated November 25, 2009
Gerhardson

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Manager, Regulatory Services Vice

President, Regulatory Affairs



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

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~~N~~

DESCRIPTION	RATE CODE
Deferred Loads	50-197
Deferred Loads (Short Duration Cycling)	50-195
Penalty	50-883

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

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

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

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

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NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 in North Dakota
 Case No. PU-~~08-86217-~~
 Approved by order dated ~~November 25, 2009~~
Gerhardson
President, Regulatory Affairs

EFFECTIVE with bills rendered on
 and after ~~December 1, 2009~~ January 1, 2018,
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__Manager, Regulatory Services Vice



RATE:

CONTROLLED SERVICE - DEFERRED LOAD				N
Customer Charge per Month:			\$3.00	NR
Monthly Minimum Bill:	Customer + Facilities Charge			NR
Facilities Charge per Month:			\$4.00	NR
	Summer	Winter		
Energy Charge per kWh:	5.15 44.784 ¢/kWh	5.00 24.632 ¢/kWh		NR
Penalty	33.802 ¢/kWh	11.510 ¢/kWh		NR

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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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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DEFINITIONS OF SEASONS:

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

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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.

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NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 in North Dakota
 Case No. PU-~~08-86217-~~
 Approved by order dated ~~November 25, 2009~~
Gerhardson
President, Regulatory Affairs

EFFECTIVE with bills rendered on
 and after ~~December 1, 2009~~ January 1, 2018,
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__Manager, Regulatory Services Vice



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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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).

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

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NORTH DAKOTA PUBLIC SERVICE COMMISSION in North Dakota Case No. PU-08-86217- Approved by order dated November 25, 2009 Gerhardson President, Regulatory Affairs

EFFECTIVE with bills rendered on and after December 1, 2009 January 1, 2018, APPROVED: Bernadeen Brutlag Bruce G. Manager, Regulatory Services Vice



FIXED TIME OF DELIVERY RIDER
 (Commonly identified as FIXED TOD)

DESCRIPTION	RATE CODE
Fixed Time of Delivery Service – Self-Contained Metering	50-301
Penalty	50-884
Fixed Time of Delivery Service – CT Metering	50-302
Penalty	50-885
Fixed Time of Delivery Service – Primary CT Metering	50-303
Penalty	50-886

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 technologies 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 DELIVERY SERVICE - Self-Contained Metering			
Customer Charge per Month:	\$1.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month:	\$3.00		
	Summer	Winter	
Energy Charge per kWh:	2.774404 ¢/kWh	2.937567 ¢/kWh	
Penalty:	9.400 ¢/kWh	7.385 ¢/kWh	

NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 in North Dakota
 Case No. PU-~~08-86217-~~
 Approved by order dated ~~November 25, 2009~~
Gerhardson

EFFECTIVE with bills rendered on
 and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: Bernadeen Brutlag Bruce G.



FIXED TIME OF DELIVERY SERVICE - CT Metering			
Customer Charge per Month:	\$1.50		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month:	\$19.00		
	Summer	Winter	
Energy Charge per kWh:	<u>2.774404</u> ¢/kWh	<u>2.937567</u> ¢/kWh	
Penalty:	9.400 ¢/kWh	7.385 ¢/kWh	

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FIXED TIME OF DELIVERY SERVICE – Primary CT Metering			
Customer Charge per Month:	\$3.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month:	\$9.00		
	Summer	Winter	
Energy Charge per kWh:	<u>2.763393</u> ¢/kWh	<u>2.926556</u> ¢/kWh	
Penalty:	9.389 ¢/kWh	7.374 ¢/kWh	

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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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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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DEFINITIONS OF SEASONS:

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NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 in North Dakota
 Case No. PU-~~08-86217-~~
 Approved by order dated ~~November 25, 2009~~
Gerhardson

EFFECTIVE with bills rendered on
 and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: Bernadeen Brutlag Bruce G.

President, Regulatory Affairs

Manager, Regulatory Services



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

~~N~~
~~N~~

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.

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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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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.

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

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NORTH DAKOTA PUBLIC
SERVICE COMMISSION
in North Dakota
Case No. PU-~~08-86217-~~
Approved by order dated ~~November 25, 2009~~
Gerhardson
President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~December 1, 2009~~ January 1, 2018,

APPROVED: Bernadeen Brutlag Bruce G.
Manager, Regulatory Services Vice

Volume 1

Interim Tariff Sheets - Non-Legislative

RESIDENTIAL SERVICE

DESCRIPTION	RATE CODE
Residential Service	50-101

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

APPLICATION OF SCHEDULE: This schedule is applicable to residential service as defined in the General Rules and Regulations.

RATE:

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

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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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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.

SEASONAL RESIDENTIAL SERVICE:

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

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

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

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

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



RESIDENTIAL DEMAND CONTROL SERVICE
(Commonly identified as RDC)

DESCRIPTION	RATE CODE
Residential Demand Control	50-241

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

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

RATE:

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

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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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



DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.

Winter: October 1 through May 31.

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

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



Fergus Falls, Minnesota

FARM SERVICE

DESCRIPTION	RATE CODE
Farm Service	50-361

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

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

RATE:

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

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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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NORTH DAKOTA PUBLIC
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Case No. PU-17-
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EFFECTIVE with bills rendered on
and after January 1, 2018, in North Dakota.

APPROVED: Bruce G. Gerhardson
Vice President, Regulatory Affairs



Fergus Falls, Minnesota

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.

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SMALL GENERAL SERVICE
Under 20 kW

DESCRIPTION	RATE CODE
Metered Service under 20 kW – Secondary Service	50-404
Metered Service under 20 kW – Primary Service	50-405

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 municipal outdoor lighting. Emergency and supplementary/standby service will be supplied only as allowed by law.

RATE:

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

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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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

DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.

Winter: October 1 through May 31.

TERMS AND CONDITIONS: A Customer may remain on the Small General Service schedule as long as the Customer's maximum demand is less than 20 kW. When the Customer achieves an actual demand of 20 kW or greater, the Customer will be placed on the General Service schedule (Section 10.02) in the next billing month.

DETERMINATION OF 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.



GENERAL SERVICE
20 kW or Greater

DESCRIPTION	RATE CODE
General Service – Secondary Service	50-401
General Service – Primary Service	50-403

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

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

RATE:

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

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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

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DEFINITIONS OF SEASONS:

Summer: June 1 through September 30.

Winter: October 1 through May 31.

TERMS AND CONDITIONS: 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).

DETERMINATION OF FACILITIES CHARGE: 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 will be based on the largest of the most recent 12 monthly measured demands, but in no event will the measured demand be considered less than 20 kW.

LARGE GENERAL SERVICE

DESCRIPTION	RATE CODE
Secondary Service	50-603
Primary Service	50-602
Transmission Service	50-632

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

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

RATE:

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

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PRIMARY SERVICE			
Customer Charge per Month:	\$40.00		
Monthly Minimum Bill:	Customer Charge +Facilities Charge + Demand Charge (min. 80 kW)		
Facilities Charge per Month:	per annual max. kW (minimum 80kW per Month)		
All kW:	\$0.11/kW		
Energy Charge per kWh:	Summer	Winter	
First 700,000	4.725 ¢/kWh	4.771 ¢/kWh	
Excess	4.325 ¢/kWh	4.367 ¢/kWh	
Demand Charge per kW:	\$7.24 /kW	\$5.57 /kW	

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TRANSMISSION SERVICE			
Customer Charge per Month:	\$40.00		
Monthly Minimum Bill:	Customer Charge + Facilities Charge + Demand Charge (min. 80 kW)		
Facilities Charge per Month:	per annual max. kW (minimum 80kW per Month)		
All kW:	\$0.00/kW		
Energy Charge per kWh:	Summer	Winter	
First 700,000	4.604 ¢/kWh	4.626 ¢/kWh	
Excess	4.204 ¢/kWh	4.222 ¢/kWh	
Demand Charge per kW:	\$5.88 /kW	\$4.73 /kW	

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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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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.

DEFINITIONS OF SEASONS:

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

DETERMINATION OF FACILITIES CHARGE: The monthly measured demand will be based on the greater of 80 kW or 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 will be based on the largest of the most recent 12 monthly measured demands.

DETERMINATION OF BILLING DEMAND: The billing demand shall be the greater of 80 kW or the maximum kW as measured by a suitable demand meter for any period of 15 consecutive minutes during the month for which the bill is rendered adjusted for Excess Reactive Demand.

ADJUSTMENT FOR EXCESS REACTIVE DEMAND: The billing demand shall be increased by one kW for each whole 10 kvar of measured reactive demand in excess of 50% of the measured demand in kW.

COMMERCIAL SERVICE - TIME OF USE

DESCRIPTION	RATE CODE
Declared-Peak	50-708
Intermediate	50-709
Off-Peak	50-710

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

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

RATE:

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

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Fergus Falls, Minnesota

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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

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

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

WINTER SEASON - OCTOBER 1 THROUGH MAY 31 BILLINGS

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

Intermediate: All hours other than declared-peak and off-peak

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

SUMMER SEASON - JUNE 1 THROUGH SEPTEMBER 30 BILLINGS

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

Intermediate: All hours other than declared-peak and off-peak

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

DECLARED-PEAK NOTIFICATION: The Company shall make available to Customers, no later than 4:00 p.m. (Central Time) of the preceding day, "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.

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

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



Fergus Falls, Minnesota

LARGE GENERAL SERVICE - TIME OF DAY - EXPERIMENTAL

DESCRIPTION	On-Peak	Shoulder	Off-Peak
Secondary Service	50-611	50-615	50-613
Primary Service	50-610	50-614	50-612
Transmission Service	50-639	50-637	50-640

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

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

RATE:

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

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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

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

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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge. N
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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 FACILITIES CHARGE: The monthly measured demand will be based on the maximum demand in kW registered over any one-hour period by a suitable demand meter for the month for which the bill is rendered. The Facilities charge demand will be the greater of 80 kW or the largest of the most recent 12 monthly measured demands.

METERED AND ESTABLISHED DEMAND: The Metered Demand shall be the maximum kW registered over any period of one hour during the month for which the bill is rendered. The Established Demand shall be the Metered Demand adjusted for excess reactive demand.

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

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

WINTER SEASON - OCTOBER 1 THROUGH MAY 31 BILLINGS

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

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

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



Fergus Falls, Minnesota

SUMMER SEASON - JUNE 1 THROUGH SEPTEMBER 30 BILLINGS

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

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

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

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

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Fergus Falls, Minnesota

STANDBY SERVICE

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

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.
2. Utilizes Extended Parallel Generation Systems to meet all or a portion of electrical requirements, which is capable of greater than 60 kW. Customers with Extended Parallel Generation Systems used to meet all or a portion of electrical requirements that are capable of 60 kW or less are considered Non-Standby Service Customers and exempt from paying standby charges. Please see Attachment No. 1-Definitions 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.



Fergus Falls, Minnesota

RATE:

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

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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

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

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NORTH DAKOTA PUBLIC SERVICE COMMISSION
Case No. PU-17-
Approved by order dated

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

APPROVED: Bruce G. Gerhardson
Vice President, Regulatory Affairs



Fergus Falls, Minnesota

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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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.

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.

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.

TERMS AND CONDITIONS:

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 120 On-Peak hours in the Summer season and 240 On-Peak hours in the Winter season, the Customer may be required to take service under a standard, non-standby, rate schedule.
3. Option B – Non-Firm Standby: Backup Service is not available during any On-peak season. This service is only available in the Summer Shoulder and Summer Off-Peak and Winter Shoulder 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.
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.

5. Any Excess Facilities Investment required to furnish service under this Tariff will be provided at the Customer's expense.
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.
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.

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.

Contracted Backup Demand is the amount of capacity selected to backup Customer's generation, not to exceed the capability of the Customer's generator.

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").

Energy is the Customer's electric consumption requirement, measured in Kilowatt-hours ("kWh").

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.

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.

MAPP is the Mid-Continent Area Power Pool or any successor agency assuming or charged with similar responsibility.

MISO is the Midwest Independent Transmission System Operator that assures industry consumers of unbiased regional grid management and open access to the transmission facilities under Midwest ISO's functional supervision.

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.

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.

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 Large General Service or Large General Service-Time of Use Customers, a Special Minimum Demand may apply.

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.

Special Minimum Demand is a special demand calculation that the Company may use at its option for Large General Service or Large General Service-Time of Day Customers. The terms are outlined in Sections 10.03 and 10.05.

Standby Service Customer is 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.

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

Summer Off-Peak: For all other Summer Season kW and kWh not covered by either shoulder or off-peak.

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

Summer Shoulder: For all Summer Season kW and kWh used Monday through



Fergus Falls, Minnesota

Friday 9:00 a.m. to 1:00 p.m., and 7:00 p.m. to 10:00 p.m., Saturday through Sunday 9:00 a.m. to 10:00 p.m.

Supplemental Service is the energy and demand supplied by the utility in addition to the capability of the on-site generator. Except for determination of Demand, Supplemental Service shall be provided under Standard Rate Schedule 10.05.

Supplemental Demand (a component of Supplemental Service) is the metered demand measured on a Company meter during on-peak and off-peak periods, less Contracted Backup Demand.

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

Winter Off-Peak: All other Winter Season kW and kWh not covered by either shoulder or off-peak.

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

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

IRRIGATION SERVICE

DESCRIPTION	RATE CODES
Option 1: Non-Time-of-Use	50-703
Option 2: Declared-Peak	50-704
Option 2: Intermediate	50-705
Option 2: Off-Peak	50-706

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

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

RATE:

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

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OPTION 2				
Customer Charge per Month:	\$5.00			
Monthly Minimum Bill:	Customer + Facilities Charge			
Facilities Charge per Month:	Customer-Specific see Tariff			
Energy Charge per kWh:	Summer		Winter	
Declared-Peak	14.080	¢/kWh	8.390	¢/kWh
Intermediate	5.071	¢/kWh	4.741	¢/kWh
Off-Peak	2.272	¢/kWh	2.242	¢/kWh

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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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FACILITIES CHARGE: Customers served under this rate shall pay an annual fixed charge equal to 18% of 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 equal to 3.5% of the investment of the Company, in lieu of the 18% annual fixed charge.

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.

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

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

Declared-Peak: Hours declared.

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

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

SUMMER SEASON – June 1 through September 30

Declared-Peak: Hours declared.

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

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

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

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

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

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



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

DESCRIPTION	RATE CODES
Sign Lighting	50-744
Outdoor Lighting - Metered	50-748
Outdoor Lighting - Non-Metered	50-749

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

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

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

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

RATE – METERED:

OUTDOOR LIGHTING - ENERGY ONLY – METERED RATE	
Customer Charge per Month:	\$2.00
Monthly Minimum Bill:	Customer Charge
Energy Charge per kWh:	6.608 ¢/kWh

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RATE – NON-METERED:

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

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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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

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

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



**OUTDOOR LIGHTING
DUSK TO DAWN**

DESCRIPTION	RATE CODE
Street and Area Lighting	50-741
Floodlighting	50-743

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

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

RATE:

STREET AND AREA LIGHTING			
Unit Type	Lumens	Wattage	Monthly Charge
MV-6	6,000	175	\$ 6.64
MV-6PT	6,000	175	9.63
MV-11	11,000	250	12.33
MV-21	21,000	400	16.35
MV-35	35,000	700	24.16
MV-55	55,000	1000	30.99
MA-8	8,500	100	8.09
MA-14	14,000	175	15.73
MA-20	20,500	250	18.01
MA-36	36,000	400	17.63
MA-110	110,000	1000	38.04
HPS-9	9,000	100	7.15
HPS-9PT	9,000	100	9.35
HPS-14	14,000	150	11.34
HPS-14PT	14,000	150	12.16
HPS-19	19,000	200	13.24
HPS-23	23,000	250	15.03
HPS-44	44,000	400	18.64

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NORTH DAKOTA PUBLIC
SERVICE COMMISSION
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Vice President, Regulatory Affairs



FLOODLIGHTING		
Fixture	Unit Type	Monthly Charge
400 MV-Flood	Mercury Vapor	\$16.98
400 MA-Flood	Metal Additive Mercury	18.12
400 HPS-Flood	High Pressure Sodium	18.53
1000 MV-Flood	Mercury Vapor	30.07
1000 MA-Flood	Metal Additive Mercury	31.74

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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.

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
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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.

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

A fixed charge of \$10.80 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 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 or sign, the Company will supply a span of up to 200 feet of wire and add an additional \$1.96 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.**

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 Vice President, Regulatory Affairs



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.

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



MUNICIPAL PUMPING SERVICE

DESCRIPTION	RATE CODE
Secondary Service	50-872
Primary Service	50-874

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

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

The rate and monthly minimum shall apply to each 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		
Customer Charge per Month:	\$4.00	
Monthly Minimum Bill:	Customer + Facilities Charge	
Facilities Charge per Month:	\$4.00	
Energy Charge per kWh:	Summer	Winter
	6.153 ¢/kWh	5.580 ¢/kWh

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PRIMARY SERVICE		
Customer Charge per Month:	\$4.00	
Monthly Minimum Bill:	Customer + Facilities Charge	
Facilities Charge per Month:	\$2.68	
Energy Charge per kWh:	Summer	Winter
	6.124 ¢/kWh	5.552 ¢/kWh

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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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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.



Fergus Falls, Minnesota

CIVIL DEFENSE - FIRE SIRENS

DESCRIPTION	RATE CODE
Civil Defense – Fire Sirens	50-843

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

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

RATE:

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

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
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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.

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Vice President, Regulatory Affairs



Fergus Falls, Minnesota

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.

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.



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

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

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

METERING CHARGE: \$1.40 per month

PAYMENT SCHEDULES: Base Avoided Costs: 3.271¢ per kWh

Base Avoided Costs plus Renewable Energy Credit: 3.323¢ per kWh

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

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

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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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.

TERMS AND CONDITIONS:

The use of this rider requires that special precautions be taken in the design of associated metering and control systems. The following terms and conditions describe these precautions and shall be followed on all Customer-owned small qualifying facilities (SQF).

1. The Customer will be compensated monthly for all net energy received from the SQF less the metering charge. Net energy is that energy delivered by the SQF to the Company in excess of that received by the SQF from the Company during the same billing period. The schedule for these payments is subject to annual review.
2. If the SQF is located at a site outside of the Company's service territory and energy is delivered to the Company through facilities owned by another utility, energy payments will be adjusted downward reflecting losses occurring between the point of metering and the point of delivery.
3. If required, a separate meter will be furnished, owned and maintained by the Company to measure the energy to the Company. Separate monthly charges may apply for any additional metering installed by the Company at the Customer's request.
4. The SQF shall make provisions for the installation of Company owned on-site metering. All energy received from and delivered to the Company shall be metered. On-site use of the SQF output shall be unmetered for purposes of compensation.
5. In the event the SQF desires wheeling by the Company of the SQF output, arrangements will be made subject to special consideration.
6. The Customer shall pay for any increased capacity of the distribution equipment serving him and made necessary by the installation of the generator.
7. Power and energy purchased by the SQF from the Company shall be billed under the available retail rates for the purchase of electricity.
8. The generator output must be compatible with the Utility system. The Customer's 60 hertz generator output must be at the voltage and phase relationship of the existing service or of one mutually agreeable to the Company and the Customer.



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9. The Customer will provide equipment to maintain a unity power factor + or - 10% during periods of generator operation.
 10. The Company reserves the right to disconnect the customer's generator from its system if it interferes with the operation of the Company's equipment or with the equipment of other company customers.
 11. The Customer is required to follow the Company's interconnection process which requires that prior to installation, a detailed diagram of the generator and related equipment must be furnished to the Company for its approval.
 12. The Customer shall execute an electric service agreement with the Company which may include, among other provisions, a minimum term of service.
 13. The SQF shall indemnify and save harmless the Company from and against 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, operation or removal of the SQF or by any related act or omission of the SQF, its employees, agents, contractors or subcontractors.
 14. Equipment shall be provided by the Customer that provides a means of preventing feedback to the Company during an outage or interruption of that system as well as a visible means to disconnect the generator from the Utility that is readily accessible by Utility employees.
 15. The Customer shall install, own, and maintain all equipment deemed necessary by the Company to assure proper parallel operation of the system.
 16. Any renewable energy credits associated with the renewable energy sold to the Company will be transferred to the Company and the renewable generator will be compensated an additional payment of \$0.52/MWh (\$0.00052/kWh), as shown in the payment schedule.



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

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

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

METERING CHARGE: \$12.85 per month

PAYMENT SCHEDULE:

ENERGY:

Base Avoided Costs	<u>On-Peak 50-9030</u>	<u>Off-Peak 50-9031</u>
Summer	4.154¢ per kWh	2.533¢ per kWh
Winter	3.783¢ per kWh	2.458¢ per kWh
Base Avoided Costs		
Plus Renewable Energy Credit	<u>On-Peak 50-9032</u>	<u>Off-Peak 50-9033</u>
Summer	4.206¢ per kWh	2.585¢ per kWh
Winter	3.835¢ per kWh	2.510¢ per kWh

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
N
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.



SPECIAL CONDITIONS OF SERVICE: The minimum contracted term of service is 12 months.

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

DEFINITIONS:

Summer On-Peak: June 1 through September 30 including those hours from 8:00 a.m. to 10:00 p.m., Monday through Friday, excluding holidays.

Summer Off-Peak: All other hours including the three holidays of Memorial Day, Independence Day and Labor Day.

Winter On-Peak: October 1 through May 31 including those hours from 7:00 a.m. to 10:00 p.m., Monday through Friday, excluding holidays.

Winter Off-Peak: All other hours including the three holidays of Thanksgiving Day, Christmas Day and New Year's Day.

TERMS AND CONDITIONS:

The use of this rate requires that special precautions be taken in the design of associated metering and control systems. The following terms and conditions describe these precautions and shall be followed on all Customer-owned small qualifying facilities (SQF).

1. The Customer will be compensated monthly for all net energy received from the SQF less the metering charge. Net energy is that energy delivered by the SQF to the Company in excess of that received by the SQF from the Company during the same billing period. The schedule for these payments is subject to annual review.
2. If the SQF is located at a site outside of the Company's service territory and energy is delivered to the Company through facilities owned by another utility, energy payments will be adjusted downward reflecting losses occurring between the point of metering and the point of delivery.
3. If required, a separate meter will be furnished, owned and maintained by the Company to measure the energy to the Company. Separate monthly charges may apply for any additional metering installed by the Company at the Customer's request.



-
4. The SQF shall make provisions for the installation of Company owned on-site metering. All energy received from and delivered to the Company shall be metered. On site use of the SQF output shall be unmetered for purposes of compensation.
 5. In the event the SQF desires wheeling by the Company of the SQF output, arrangements will be made subject to special consideration.
 6. The Customer shall pay for any increased capacity of the distribution equipment serving him and made necessary by the installation of his generator.
 7. Power and energy purchased by the SQF from the Company shall be billed under the available retail rates for the purchase of electricity.
 8. The generator output must be compatible with the Utility system. The Customer's 60 hertz generator output must be at the voltage and phase relationship of the existing service or of one mutually agreeable to the Company and the Customer.
 9. The Customer will provide equipment to maintain a unity power factor + or - 10% during periods of generator operation.
 10. The Company reserves the right to disconnect the Customer's generator from its system if it interferes with the operation of the Company's equipment or with the equipment of other Company Customers.
 11. The Customer is required to follow the Company's interconnection process which requires that prior to installation, a detailed diagram of the generator and related equipment must be furnished to the Company for its approval.
 12. The Customer shall execute an electric service agreement with the Company which may include, among other provisions, a minimum term of service.
 13. The SQF shall indemnify and save harmless the Company from and against 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, operation or removal of the SQF or by any related act or omission of the SQF, its employees, agents, contractors or subcontractors.



14. Equipment shall be provided by the Customer that provides a means of preventing feedback to the Company during an outage or interruption of that system as well as a visible means to disconnect the generator from the Utility that is readily accessible by Utility employees.
15. The Customer shall install, own and maintain all equipment deemed necessary by the Company to assure proper parallel operation of the system.
16. Any renewable energy credits associated with the renewable energy sold to the Company will be transferred to the Company and the renewable generator will be compensated an additional payment of \$0.52/MWh (\$0.00052/kWh), as shown in the payment schedule.



**SMALL POWER PRODUCER RIDER
 DEPENDABLE SERVICE**

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

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

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
N
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.

METERING CHARGE: \$12.85 per month

PAYMENT SCHEDULE:

ENERGY:

Base Avoided Costs	<u>On-Peak 50-9040</u>	<u>Off-Peak 50-9041</u>
Summer	4.154¢ per kWh	2.533¢ per kWh
Winter	3.783¢ per kWh	2.58¢ per kWh
Base Avoided Costs	<u>On-Peak 50-9042</u>	<u>Off-Peak 50-9043</u>
Plus Renewable Energy Credit		
Summer	4.206¢ per kWh	2.585¢ per kWh
Winter	3.835¢ per kWh	2.510¢ per kWh

CAPACITY:

	Monthly \$/kW	Monthly \$/kW
Contract	Net Capacity	Levelized
<u>Term</u>	<u>Rate</u>	<u>Rate</u>
60 mos.	\$5.21	\$1.04

NORTH DAKOTA PUBLIC
 SERVICE COMMISSION
 Case No. PU-17-
 Approved by order dated

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

APPROVED: Bruce G. Gerhardson
 Vice President, Regulatory Affairs



120 mos.	\$5.60	\$3.36
180 mos.	\$5.98	\$4.39
240 mos.	\$6.36	\$5.09
300 mos.	\$6.73	\$5.66
360 mos.	\$7.11	\$6.16

Energy payment will be adjusted annually to reflect energy costs.

Total capacity payment equals (accredited capacity value of the Qualifying Facility) times (capacity ratio) times (appropriate levelized capacity rate).

Capacity Ratio equals (Qualifying Facility on-peak capacity factor) divided by 65%.

The Capacity Ratio shall not exceed a value of 1 or if the Qualifying Facility is dispatchable by the Company and tested under the Mid-continent Independent System Operator (MISO) guidelines, then the capacity ratio automatically equals 1.

SPECIAL CONDITIONS OF SERVICE:

1. A qualifying facility, desiring dependable service compensation shall execute a contract agreement for a term of 5, 10, 15, 20, 25, or 30 years.
2. In the event that a qualifying facility terminates service, the Dependable Service severance penalty payment will be determined as follows:

The remaining percentage of the contract term will be multiplied by the average capacity compensation per month and the result multiplied by six months. The average capacity compensation per month will be determined for the last three years or from the contract's initiation, whichever is the shorter period.

In addition, capacity compensation from the initiation of the contract will be recalculated at the capacity payment of the longest contract term filled. The following table illustrates the longest contract term filled given the number of months that payments were made:



<u>Months of Payments</u>	<u>Contract Term Filled</u>
0 - 119	60
120 - 179	120
180 - 239	180
240 - 299	240
300 - 360	300

SPECIAL CONDITIONS OF SERVICE:

The difference between the actual payments made and the recalculated payments must be repaid with interest. The interest rate used will be the average prime interest rate during the contract period prior to the severance.

- 3. Qualifying facility may select a total of 30 scheduled maintenance days per year, to be taken in two periods, neither of which shall be less than one week in duration at a time agreeable to the Company. A 30-day prior notice must be given to the Company before a scheduled maintenance period can be established.

Capacity payment for a monthly period in which scheduled maintenance has occurred will be the greater of the capacity payment using the regular billing procedure or the average billing capacity payment since the previous month in which a scheduled maintenance period occurred.

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

DEFINITIONS:

Dependable Service: Qualifying facility can deliver power at a minimum of 65% on-peak capacity factor in each month; can deliver power during the Company's winter and summer system peaks; and is accredited according to the Midwest Reliability Organization (MRO).

Capacity Factor: The number of Kilowatt-hours delivered during the period divided by the product of the accredited capacity times the number of hours in the period. The maximum capacity factor is 1.0.

Summer On-Peak: June 1 through September 30 including those hours from 8:00 a.m. to 10:00 p.m., Monday through Friday, excluding holidays.



Summer Off-Peak: All other hours including the three holidays of Memorial Day, Independence Day and Labor Day.

Winter On-Peak: October 1 through May 31 including those hours from 7:00 a.m. to 10:00 p.m., Monday through Friday, excluding holidays.

Winter Off-Peak: All other hours including the three holidays of Thanksgiving, Christmas Day and New Year's Day.

TERMS AND CONDITIONS: The use of this rate requires that special precautions be taken in the design of associated metering and control systems. The following terms and conditions describe these precautions and shall be followed on all Customer-owned small qualifying facilities (SQF).

1. The Customer will be compensated monthly for all energy received from the SQF less the metering charge. The schedule for these payments is subject to annual review.
2. If the SQF is located at a site outside of the Company's service territory and energy is delivered to the Company through facilities owned by another utility, energy payments will be adjusted downward reflecting losses occurring between the point of metering and the point of delivery.
3. If required, a separate meter will be furnished, owned and maintained by the Company to measure the energy to the Company. Separate monthly charges may apply for any additional metering installed by the Company at the Customer's request.
4. The SQF shall make provisions for the installation of Company owned on-site metering. All energy received from and delivered to the Company shall be metered. On site use of the SQF output shall be unmetered for purposes of compensation.
5. In the event the SQF desires wheeling by the Company of the SQF output, arrangements will be made subject to special consideration.
6. The Customer shall pay for any increased capacity of the distribution equipment serving him and made necessary by the installation of his generator.
7. Power and energy purchased by the SQF from the Company shall be billed under the available retail rates for the purchase of electricity.

-
8. The generator output must be compatible with the Utility system. The Customer's 60 hertz generator output must be at the voltage and phase relationship of the existing service or of one mutually agreeable to the Company and the Customer.
 9. The Customer will provide equipment to maintain a unity power factor + or - 10% during periods of generator operation.
 10. The Company reserves the right to disconnect the Customer's generator from its system if it interferes with the operation of the Company's equipment or with the equipment of other Company Customers.
 11. The Customer is required to follow the Company's interconnection process which requires that prior to installation, a detailed diagram of the generator and related equipment must be furnished to the Company for its approval.
 12. The Customer shall execute an electric service agreement with the Company which may include, among other provisions, a minimum term of service and generator capacity rating.
 13. The SQF shall indemnify and save harmless the Company from and against 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, operation or removal of the SQF or by any related act or omission of the SQF, its employees, agents, contractors or subcontractors.
 14. Equipment shall be provided by the Customer that provides a means of preventing feedback to the Company during an outage or interruption of that system as well as a visible means to disconnect the generator from the Utility that is readily accessible by Utility employees.
 15. The Customer shall install, own and maintain all equipment deemed necessary by the Company to assure proper parallel operation of the system.
 16. Any renewable energy credits associated with the renewable energy sold to the Company will be transferred to the Company and the renewable generator will be compensated an additional payment of \$0.52/MWh (\$0.00052/kWh), as shown in the payment schedule.



Fergus Falls, Minnesota

ENERGY ADJUSTMENT RIDER

There shall be added to or deducted from the monthly bill the amount per kilowatt-hour (rounded to the nearest 0.001¢) that the average cost of energy is above or below 2.4327¢ per kilowatt-hour. 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.

The applicable adjustment will be applied effective on any billing dated on or after the first day of each calendar month. 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. Energy from the Company's hydro generating plants shall be included at zero cost.
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 Midwest 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.
3. The actual identifiable fossil and nuclear fuel costs associated with energy purchased for reasons other than identified in 2 above.
4. The net energy cost of energy purchases from a renewable energy source, including hydropower, wood, windpower, and biomass.
5. Less the fuel-related costs recovered through intersystem sales.

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
Case No. PU-17-
Approved by order dated

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

APPROVED: Bruce G. Gerhardson
Vice President, Regulatory Affairs



Fergus Falls, Minnesota

Asset-based Sales Margins, as defined below and in the amount calculated as described below, shall be reflected as a credit to the energy adjustment calculation described in 1-5, above.

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”).

The amount of the Asset-based Sales Margin credit shall be determined as described below:

Credit calculation: The credit shall be eighty-five percent (85%) of Asset-based Sales Margins. The Asset-based Sales Margin credit shall be calculated monthly based on a forecast of the margins expected for that month and a true-up shall be made to adjust prior forecasted credits to reflect eighty-five percent (85%) of the actual margins earned in prior months. The true-up adjustments shall be made as soon as reasonably practical after the receipt of actual results and shall reflect MISO and other resettlements that would have impacted prior credits.



Fergus Falls, Minnesota

RENEWABLE RESOURCE COST RECOVERY RIDER

DESCRIPTION	RATE CODE
All Services	50-520

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

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

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

Renewable Resource Cost Recovery Factor - 7.756 percent
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R

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



Fergus Falls, Minnesota

The *balance of the RRC Tracker account* for determination of the RRC 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 RRC 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 RRC Tracker account will be calculated reflecting the difference between actual prior period RRC 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 RRC 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 RRC Tracker account shall be eligible for recovery through this Rider, and all revenues recovered from the applicable RRC Factor shall be credited to the RRC Tracker account.

Forecasted retail revenues used for calculating the RRC 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*) and Section 14.11 (Released Energy Access Program Rider). Retail revenue used for calculating the RRC Factor will not include any Mandatory Riders, except Section 13.05 (Economic Development Cost Removal Rider).

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

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
N
N
N



Fergus Falls, Minnesota

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. **L
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Fergus Falls, Minnesota

ENVIRONMENTAL COST RECOVERY RIDER

DESCRIPTION	RATE CODE
All Service – Environmental Cost Recovery	50-570
All Service – Reagent and Allowance Cost Recovery	50-572

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

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

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

Environmental Cost Recovery Factor - 6.629 percent

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

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

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
Case No. PU-17-
Approved by Order dated

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

APPROVED: Bruce G. Gerhardson
Vice President, Regulatory Affairs



The annual revenue requirements associated with environmental measures eligible for recovery under NDCC 49-05-04.2 that are determined by the Commission to be eligible for recovery under this ECR 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 ECR Tracker account will be calculated reflecting the difference between actual prior period ECR 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 ECR Factor plus carrying charges or credits accrued at the rate of return approved in Otter Tail Power’s most recent general rate case.

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

Forecasted retail revenues used for calculating the ECR 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**) and Section 14.11 (Released Energy Access Program Rider). Retail revenue used for calculating the ECR Factor will not include any Mandatory Riders, except Section 13.05 (Economic Development Cost Removal Rider).

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

DETERMINATION OF THE REAA CHARGE: The REAA Rider charge added to or deducted from the monthly bill shall be the amount per kilowatt-hour (rounded to the nearest 0.001¢) of the average cost of reagents and emissions allowances per kilowatt-hour. The average cost of reagents and emissions allowances per kilowatt-hour for the current period shall be calculated from data covering actual costs from the most recent four-month period as follows:

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



Fergus Falls, Minnesota

**Reagents and Emissions Allowance Adjustment Rider
– calculated on a \$/kWh basis**

The reagents and emissions allowance adjustment will be applied effective on any billing dated on or after the first day of each calendar month. The average cost of the reagents and emissions allowance adjustment shall be determined based on the following components:

1. The utility's share of the cost of reagents used for the reduction of emissions at the Company's generating plants to meet Federal Environmental Protection Agency rules and regulations.
2. The utility's share of the cost of purchased emissions allowances necessary to operate the Company's generating plants in compliance with Federal Environmental Protection Agency rules and regulations.
3. Any purchased or allocable emission allowances that are subsequently sold shall be credited to (flow through) the REAA Rider.
4. The utility's share of the cost of pebble lime at the Company's Coyote Generating plant will be excluded from the calculation.

The REAA Rider charge will be included as part of the charge reflected on the Customer's bill on the line labeled "EPA Req Environmental Cst."



Fergus Falls, Minnesota

WATER HEATING CONTROL RIDER

DESCRIPTION	RATE CODE
Separately Metered Water Heating Control Service	50-191
Water Heating Credit Control Service	50-192

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

AVAILABILITY: This rider is available for residential or nonresidential purposes.

RATE:

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

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

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
N
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.

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
Case No. PU-17-
Approved by order dated

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and after January 1, 2018, in North Dakota

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Fergus Falls, Minnesota

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.



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

DESCRIPTION	Option 1	Option 2
CT Metering without ancillary load	50-170	N/A
CT Metering without ancillary load (with short duration cycling)	50-165	N/A
Penalty	50-881	N/A
CT Metering with ancillary load		
Uncontrolled period	N/A	50-168
Controlled period	N/A	50-268
CT Metering with ancillary load (with short duration cycling)		
Uncontrolled period	N/A	50-169
Controlled period	N/A	50-269

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

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

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

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



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

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:

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

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

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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

N
N
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. 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 – OPTION 1 ONLY: 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.

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 hours 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.

DETERMINATION OF FACILITIES CHARGE: 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.

DETERMINATION OF CONTROL PERIOD DEMAND – OPTION 2 ONLY: 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.



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

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

DESCRIPTION	RATE CODE
Self-Contained Metering	50-190
Self-Contained (with short duration cycling)	50-185
Penalty	50-882

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

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

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

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

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



RATE:

CONTROLLED SERVICE - INTERR LOAD – SELF-CONTAINED			
Customer Charge per Month:	\$2.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month:	\$5.00		
	Summer		Winter
Energy Charge per kWh:	3.289 ¢/kWh		3.081 ¢/kWh
Penalty	38.606 ¢/kWh		12.924 ¢/kWh

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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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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 hours 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.



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

DESCRIPTION	RATE CODE
Deferred Loads	50-197
Deferred Loads (Short Duration Cycling)	50-195
Penalty	50-883

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

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

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

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



RATE:

CONTROLLED SERVICE - DEFERRED LOAD			
Customer Charge per Month:	\$3.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month:	\$4.00		
	Summer		Winter
Energy Charge per kWh:	4.784 ¢/kWh		4.632 ¢/kWh
Penalty	33.802 ¢/kWh		11.510 ¢/kWh

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INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

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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.



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.

FIXED TIME OF DELIVERY RIDER
(Commonly identified as FIXED TOD)

DESCRIPTION	RATE CODE
Fixed Time of Delivery Service – Self-Contained Metering	50-301
Penalty	50-884
Fixed Time of Delivery Service – CT Metering	50-302
Penalty	50-885
Fixed Time of Delivery Service – Primary CT Metering	50-303
Penalty	50-886

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 technologies 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 DELIVERY SERVICE - Self-Contained Metering			
Customer Charge per Month:	\$1.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month:	\$3.00		
	Summer		Winter
Energy Charge per kWh:	2.404 ¢/kWh		2.567 ¢/kWh
Penalty:	9.400 ¢/kWh		7.385 ¢/kWh

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FIXED TIME OF DELIVERY SERVICE - CT Metering			
Customer Charge per Month:	\$1.50		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month:	\$19.00		
	Summer		Winter
Energy Charge per kWh:	2.404 ¢/kWh		2.567 ¢/kWh
Penalty:	9.400 ¢/kWh		7.385 ¢/kWh

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FIXED TIME OF DELIVERY SERVICE – Primary CT Metering			
Customer Charge per Month:	\$3.00		
Monthly Minimum Bill:	Customer + Facilities Charge		
Facilities Charge per Month:	\$9.00		
	Summer		Winter
Energy Charge per kWh:	2.393 ¢/kWh		2.556 ¢/kWh
Penalty:	9.389 ¢/kWh		7.374 ¢/kWh

R

INTERIM RATE ADJUSTMENT:

A 10.44 percent increase will be added to the sum of the following, as applicable: Customer Charge, Energy Charge, Demand Charge, Fixed Charge, Facilities Charge, and the monthly Minimum Charge.

**N
N
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.

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.