

**NORTH DAKOTA ELECTRIC RATE BOOK – NDPSC NO. 2**

**RATE SCHEDULES  
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**RATE SCHEDULES  
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**RESIDENTIAL SERVICE  
RATE CODE D01, D03**

Section No. 5  
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**AVAILABILITY**

Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

**RATE**

Customer Charge per Month	Standard	Electric Space Heating	
Overhead (D01)	\$14.50	\$14.50	C
Underground (D03)	\$14.50	\$14.50	C
Energy Charge per kWh			
June - September	7.339¢	7.339¢	C
Other Months	5.759¢	5.064¢	C

**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider.

**MONTHLY MINIMUM CHARGE**

Customer Charge.

**SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

**OTHER PROVISIONS**

This schedule is also subject to provisions contained in Rules for Application of Residential Rates.

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**RESIDENTIAL TIME OF DAY SERVICE  
RATE CODE D02, D04**

Section No. 5  
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**AVAILABILITY**

Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers.

**RATE**

Customer Charge per Month	Standard	Electric Space Heating	
Overhead (D02)	\$16.50	\$16.50	C
Underground (D04)	\$16.50	\$16.50	C
On-Peak Energy Charge per kWh			
June - September	15.340¢	15.340¢	C
Other Months	11.115¢	9.596¢	C
Off-Peak Energy Charge per kWh	2.559¢	2.559¢	C

**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider.

**MONTHLY MINIMUM CHARGE**

Customer Charge.

**SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

**DEFINITION OF PEAK PERIODS**

The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

**OPTIONAL TRIAL SERVICE**

Customers may elect time of day service for a trial period of three months. This service is available to a maximum of 100 customers at one time. If a customer chooses to return to non-time of day service after the trial period, the customer will pay a charge of \$20.00 for removal of time of day metering equipment.

(Continued on Sheet No. 5-3)

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**RESIDENTIAL TIME OF DAY SERVICE (Continued)**  
**RATE CODE D02, D04**

Section No. 5  
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**TERMS AND CONDITIONS OF SERVICE**

1. Customer selecting the above time of day schedule will remain on this rate for a period of not less than 12 months, except as provided under Optional Trial Service. While served under this schedule, the Residential Service rate is unavailable.
2. This schedule is also subject to provisions contained in Rules for Application of Residential Rates.
3. Time of Day Metering Charge Option (Closed): For customers that made a one-time payment for time of day metering costs prior to April 1, 1989, the monthly customer charge is the applicable Residential Service customer charge.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**ENERGY-CONTROLLED SERVICE  
(NON-DEMAND METERED)  
RATE CODE D05**

Section No. 5  
7th Revised Sheet No. 7

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**AVAILABILITY**

Available to residential and commercial customers with permanently connected interruptible loads up to 50 kW, which would be under Company control. The types of loads served would include dual fuel space heating, water heating, and other loads subject to Company approval.

**RATE**

Customer Charge per Month		\$4.80	C
Energy Charge – per kWh	Residential	Commercial	
Optional	4.044¢	4.044¢	C
June - September	7.339¢	7.512¢	C
Other Months	4.044¢	4.044¢	C

**OPTIONAL ENERGY CHARGE**

This option is available to customers with heat pump or electric water heater installations for non-interruptible service during June through September billing months.

**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider.

**MONTHLY MINIMUM CHARGE**

Customer charge.

**SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

(Continued on Sheet No. 5-8)

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**ENERGY-CONTROLLED SERVICE  
(NON-DEMAND METERED) (Continued)  
RATE CODE D05**

Section No. 5  
3rd Revised Sheet No. 8

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**TERMS AND CONDITIONS OF SERVICE**

1. The controlled load shall be permanently wired, separately served and metered, and at no time connected to facilities serving customer's firm load. Customer's control system and other equipment such as circulating fans and pumps, shall be served as firm load.
2. The duration and frequency of interruptions shall be at the discretion of Company. Interruption will normally occur at such times:
  - (a) When Company is required to use generation equipment or to purchase power that results in production cost in excess of \$70.00 per MWh,
  - (b) When Company expects to establish an annual system peak demand, or
  - (c) At such times when, in Company's opinion, the reliability of the system is endangered.
3. Customer selecting Energy-Controlled Service (Non-Demand Metered) must have a Company approved electric space heating system and must remain on this service for a minimum term of one year.
4. Customer selecting Energy-Controlled Service (Non-Demand Metered) must be prepared for interruptions that will last longer than 12 hours per occurrence. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.
5. Electricity must be the primary source of energy for dual fuel space heating installations. Customer must have available alternative energy sources capable of supplying up to 30% of the annual heating needs during any heating season.
6. Customer's water heating system served under this rate must be designed and sized to be capable of providing customer's hot water needs for the full duration of the potential interruption periods.
7. Customer must provide a load-break switch or circuit breaker equipped with an electrical trip and close circuit allowing for remote operation of customer's switch or circuit breaker by Company. The electric trip and close circuit must have electrical requirements compatible with remote control equipment provided by the Company. Customer must wire the trip and close circuit into a connection point designated by Company and install the remote control equipment provided by Company. Company reserves the right to inspect and approve the remote control installation. Customer must provide a continuous 120 volt AC power source at the connection point for operation of Company's remote control equipment.
8. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditures on facilities necessary to serve this load which would not otherwise be required to serve customer's load.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSO NO. 2**

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**LIMITED OFF-PEAK SERVICE  
RATE CODE D10**

Section No. 5  
7th Revised Sheet No. 9

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**AVAILABILITY**

Available to secondary and primary voltage customers for controlled loads which will be energized only for the time period between 10:00 p.m. to 6:30 a.m. daily.

**RATE**

Customer Charge per Month

Secondary Voltage

Single Phase

\$4.80

C

Three Phase

\$6.80

C

Primary Voltage

\$31.00

C

Energy Charge per kWh

Residential

Commercial

C

Secondary Voltage

2.437¢

2.437¢

C

Primary Voltage

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2.327¢

**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider.

**MONTHLY MINIMUM CHARGE**

Customer charge.

**SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in a Surcharge Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

(Continued on Sheet No. 5-10)

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**LIMITED OFF-PEAK SERVICE (Continued)**  
**RATE CODE D10**

Section No. 5  
3rd Revised Sheet No. 10

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**TERMS AND CONDITIONS OF SERVICE**

1. Limited Off Peak Service must be separately served and metered and must at no time be connected to facilities serving customer's other loads.
2. Company will not be liable for any loss or damage caused by or resulting from any interruption of service.
3. Customer selecting Limited Off Peak Service must remain on this service for a minimum term of one year, unless customer transfers to another interruptible service rate.
4. Customer has the option of directly controlling own load or allowing Company load control. If customer chooses Company load control, customer must: (a) provide a load-break switch or circuit breaker equipped with electronic trip and close circuits allowing for remote operation of customer's switch or circuit breaker by Company, (b) wire the trip and close circuits into a connection point designated by Company to allow installation of remote control equipment by Company, and (c) provide a continuous 120 volt AC power source at the connection point for operation of Company's remote control equipment.
5. A charge of 27¢ per kWh shall be applied to non-authorized energy used outside of the energized time period specified in this tariff. If this energy use occurs during three or more billing months, the Company reserves the right to remove customer from Limited Off-Peak Service.
6. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditures on facilities necessary to serve this load which would not otherwise be required to serve customer's load.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSO NO. 2**

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**RULES FOR APPLICATION OF RESIDENTIAL RATES**

Section No. 5  
2nd Revised Sheet No. 11

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1. The Residential Service and Residential Time of Day Service rates are the only rates available to residential customers for domestic purposes in a single private residence. Energy-Controlled Dual Fuel Service, Limited Off-Peak Service and Automatic Protective Lighting Service rate schedules are also available to qualifying residential customers.
2. Normal service under the Residential Service and Residential Time of Day Service rate schedules is single phase service rendered through one meter. Three phase service or service through more than one meter will be provided upon a one-time payment of an amount to reimburse Company for the additional investment, operating, and maintenance costs. If customer is served through more than one meter, each meter will be separately billed.
3. The Electric Space Heating energy charge is available only when customer's electric space heating equipment is used as customer's primary heating source.
4. An underground residential distribution system is defined to be a system serving an area of single private residences or duplexes (single buildings consisting of two apartments or dwelling units) on contiguous lots in which underground electric facilities will be the only electric facilities used to serve customers in the area. Where an underground residential distribution system will serve an area consisting of less than 8 lots or an area where the average lot frontage exceeds 130 feet or where unusual construction conditions will be encountered or where a service connection in such underground distribution system will exceed 100 feet, a payment to Company will be required in advance of construction.
5. A customer using electric service for domestic and non-domestic purposes jointly may combine such use through one meter on such rates as are available to general service customers.
6. Every building or portion of building used for residential purposes constructed or materially changes after November 1, 1980, shall be arranged to permit the consumption for each apartment or dwelling unit to be individually metered. An apartment is defined as a portion of a building consisting of one or more rooms completely equipped for living purposes.

(Continued on Sheet No. 5-12)

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**RULES FOR APPLICATION OF RESIDENTIAL RATES  
(Continued)**

Section No. 5  
2nd Revised Sheet No. 12

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8. Each apartment or dwelling unit shall be considered as a single private residence but service for a duplex (a single building consisting of two apartments or dwelling units) may be taken through one meter under a single billing provided that the billing shall be computed as though each apartment or dwelling unit used an equal portion of the total service metered and were independently billed, except that only one customer charge shall be applied and the minimum charge shall be the minimum charge for a single apartment or dwelling unit. An apartment is defined to be a room or suite of rooms used for general functions of a household and permanently equipped with a sink and cooking facilities, occupying space specifically designed for them such as a kitchen, kitchenette, or pullman kitchen.
9. The Residential Service and Residential Time of Day Service rate schedules are available to farm installations which were served on the separate Farm Service rate schedule prior to the cancellation thereof. Residential and Residential Time of Day Service to these qualifying farm customers is limited to 120/240 volt single phase service rendered through one meter. Motors and other equipment which interfere with service to neighboring customers and all transformers type welding machines larger than 25 kilovolt-amperes are not permitted as part of this service.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

**PROTECTIVE LIGHTING SERVICE  
RATE CODE D11**

Section No. 5  
8th Revised Sheet No. 13

**AVAILABILITY**

Available to any customer for illumination of areas of private property. Types of lighting include Mercury Vapor (MV), High Pressure Sodium (HPS) and Light Emitting Diode (LED). Company will provide all electric energy and own, operate, and maintain the protective lighting system including the fixture, lamp, ballast, photocell, mounting brackets, and all necessary wiring.

**RATE**

Wattage and Type Monthly Charge per Fixture

**Area Lighting**

100W HPS (1)	\$6.70
175W MV (1)	\$6.70
250W HPS (1)	\$11.63
400W MV (1)	\$11.63
30-45W LED	\$5.58
110-165W LED	\$9.92

**Directional Lighting**

250W HPS (1)	\$12.89
400W MV (1)	\$14.80
400W HPS (1)	\$15.82
110-165W LED	\$12.62
170-250W LED	\$14.72

(1) Available to existing installations only.

**FUEL COST**

Bills subject to the charges provided for in the Fuel Cost Rider.

**OTHER RIDERS**

Bills are subject to the charges provided for in the Transmission Cost Recovery Rider and the Renewable Energy Rider.

**SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in a Surcharge Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

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**PROTECTIVE LIGHTING SERVICE (Continued)**  
**RATE CODE D11**

Section No. 5  
3rd Revised Sheet No. 14

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**SPECIAL TERMS AND CONDITIONS**

1. Service is available subject to the provisions for Protective Lighting Service in the General Rules and Regulations.
2. The operating schedule is controlled by a photocell furnished by the Company to energize lighting from approximately one-half hour after sunset until one-half hour before sunrise.
3. If protective lighting service is interrupted and illumination is not resumed within 2 business days from the time the Company receives notice from the customer, 1/30 of the applicable monthly charges for each night of service outage will be credited to the customer after notice is received.
4. The Company may convert high pressure sodium or mercury vapor area lighting to LED area lighting when providing required maintenance or repair service.
5. The Company reserves the right to discontinue service if lighting equipment is abused.

**TERM OF AGREEMENT**

The initial protective lighting agreement will be for a term of three years; if it is not then terminated with at least 30 days' written notice by either party, the agreement will continue until so terminated.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSO NO. 2**

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**SMALL GENERAL SERVICE  
RATE CODE D12, D15**

Section No. 5  
7th Revised Sheet No. 19

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**AVAILABILITY**

Standard service (alternating current) (D12) is available to any non-residential customer for single or three phase electric service supplied through one meter.

**RATE**

Customer Charge per Month	\$16.75	C
Energy Charge per kWh		
June - September	7.512¢	C
Other Months	5.932¢	C

**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider.

**MONTHLY MINIMUM CHARGE**

Customer Charge.

**SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

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**SMALL GENERAL SERVICE (Continued)**  
**RATE CODE D12**

Section No. 5  
3rd Revised Sheet No. 20

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**TERMS AND CONDITIONS OF SERVICE**

1. Company shall install a demand meter for a customer when:
  - a. Customer's connected load is estimated to be 20 kW or greater, or
  - b. Customer is served single phase and has a service entrance capacity greater than 200 amperes, or
  - c. Customer is served three phase at 120/208 or 120/240 volts and has a service entrance capacity greater than 200 amperes, or
  - d. Customer is served three phase at 240/480 or 277/480 volts and has a service entrance capacity greater than 100 amperes, or
  - e. Customer's average monthly kWh use for four consecutive months exceeds 3,500 kWh.

If a demand meter is installed in accordance with the above, the customer may remain on the Small General Service schedule as long as his maximum demand is less than 25 kW. When the customer achieves an actual maximum demand of 25 kW or greater, the customer will be placed on the General Service schedule in the next billing month. A customer who has a billing demand of less than 25 kW for 12 consecutive months, will be given the option of returning to the Small General Service schedule.

2. Standby and Supplementary Service is available under this rate subject to the provisions of the General Rules and Regulations, Section 2.4, and as provided for elsewhere in this rate.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSO NO. 2**

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**SMALL GENERAL TIME OF DAY SERVICE  
RATE CODE D14, D18, D19, D34**

Section No. 5  
7th Revised Sheet No. 21

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**AVAILABILITY**

Available to any non-residential customer for single or three phase electric service supplied through one meter.

**RATE**

Customer Charge per Month

Time of Day Metered (D14)	\$18.75	C
kWh Metered (D19)	\$16.75	C
Unmetered (D18)	\$13.75	C
Low Wattage (D34)	<u>(Please see Sheet No. 5-23)</u>	

Oct-May                      Jun-Sep

Energy Charge per kWh

On-Peak Period Energy	9.774¢	13.154¢	C
Off-Peak Period Energy	2.559¢	2.559¢	C
Continuous 24 Hour Energy	5.084¢	6.267¢	C

**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider.

**MONTHLY MINIMUM CHARGE**

Customer Charge.

**SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

**DEFINITION OF PEAK PERIODS**

The on-peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off-peak period is defined as all other hours. Definition of on-peak and off-peak period is subject to change with change in Company's system operating characteristics.

(Continued on Sheet No. 5-22)

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Date Filed:	10-31-14	By: David M. Sparby	Effective Date:	01-01-15
		President and CEO of Northern States Power Company, a Minnesota corporation		
Case No.	PU-12-813		Order Date:	02-26-14

**TERMS AND CONDITIONS OF SERVICE**

1. Customer selecting the above time of day rate schedule will remain on this rate for a period of not less than 12 months. While served under this schedule, the Small General Service rate is unavailable.
2. Company shall install a demand meter for a customer when:
  - a. Customer's connected load is estimated to be 20 kW or greater, or
  - b. Customer is served single phase and has a service entrance capacity greater than 200 amperes, or
  - c. Customer is served three phase at 120/208 or 120/240 volts and has a service entrance capacity greater than 200 amperes, or
  - d. Customer is served three phase at 240/480 or 277/480 volts and has a service entrance capacity greater than 100 amperes, or
  - e. Customer's average monthly kWh use for four consecutive months exceeds 3,500 kWh.

If a demand meter is installed in accordance with the above, the customer may remain on the Small General Time of Day Service schedule as long as his maximum demand is less than 25 kW. When the customer achieves an actual maximum demand of 25 kW or greater, the customer will be placed on the General Time of Day Service schedule in the next billing month. A customer who has a billing demand of less than 25 kW for 12 consecutive months will be given the option of returning to the Small General Time of Day Service schedule.

3. Standby and Supplementary Service is available under this rate subject to the provisions of the General Rules and Regulations, Section 2.4, and as provided for elsewhere in this rate.
4. Optional Time of Day Metering Service: Optional metering is available for time of day customers subject to the provisions in the General Rules and Regulations, Section 1.5 for the following applications:
  - a. Kilowatt-hour Metered Service: For applications where a non-time of day meter is used, the time of day metering charge will be waived and the applicable lower monthly customer charge shall apply.
  - b. Unmetered Service: For applications where no metering is installed, the applicable lower monthly customer charge shall apply. If requested by Company, the customer agrees to receive one or more combined bills for all their unmetered service locations. For purposes of applying the appropriate customer service charge, one customer service charge shall be applied for every point of delivery. A point of delivery shall be any location where a meter would otherwise be required under this schedule.

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(Continued on Sheet No. 5-23)

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		President and CEO of Northern States Power Company, a Minnesota corporation		
Case No.	PU-12-813		Order Date:	02-26-14



**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSA NO. 2**

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**SMALL GENERAL TIME OF DAY SERVICE (Continued)**  
**RATE CODE D14, D18**

Section No. 5  
3rd Revised Sheet No. 23

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**TERMS AND CONDITIONS OF SERVICE (Continued)**

4. Optional Time of Day Metering Service (Continued)

- c. Low Wattage Unmetered Service: For applications where customer owns and operates multiple electronic devices in at least 200 locations within Company's North Dakota electric service area. Such electronic devices are: 1) individually located at each point of delivery, 2) rated at less than 400 Watts, and 3) operated with a continuous and constant load level year round. Each individual electronic device must not in any way interfere with Company operations and service to adjacent customers. This optional metering service is not applicable to electric service for traffic signals, civil defense, or lighting. Company reserves the right to evaluate customer requests for this optional metering service to determine eligibility.

The monthly fixed charge under this optional metering service shall be \$0.31 per device for devices with a rating of 100 Watts or less. For devices with a rating over 100 Watts but less than 400 Watts, the monthly fixed charge shall be \$1.30 per device. The customer charge shall equal the sum of the fixed charges for customer's low wattage devices in service for the billing month.

C

C

In place of metered usage for each device, customer will be billed for the predetermined energy usage in kWh per device. The energy charge shall equal the sum of the predetermined energy usage for customer's low wattage devices in service for the billing month multiplied by the Constant Hourly Energy Charge applicable for the billing month.

Customer shall contract for this optional metering service through an electric service agreement with Company.

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Northern States Power Company, a Minnesota corporation  
Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**CANCELED**

Section No. 5  
2nd Revised Sheet No. 24

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**CANCELED**

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D

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		President and CEO of Northern States Power Company, a Minnesota corporation		
Case No.	PU-07-776		Order Date:	12-31-08

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSO NO. 2**

**GENERAL SERVICE  
 RATE CODE D16**

Section No. 5  
 7th Revised Sheet No. 25

**AVAILABILITY**

Available to any non-residential customer for general service.

**RATE**

Customer Charge per Month		\$25.74		C
Service at Secondary Voltage	<u>Oct-May</u>		<u>Jun-Sep</u>	
Demand Charge per Month per kW	\$9.95		\$14.15	C
Energy Charge per kWh		3.160¢		C
Energy Charge Credit		1.050¢		C
All kWh in Excess of 400 Hours Times the Billing Demand				
	<u>January – December</u>			
Voltage Discounts per Month	<u>Per kW</u>		<u>Per kWh</u>	
Primary Voltage	\$0.60		0.110¢	C
Transmission Transformed Voltage	\$1.10		0.230¢	C
Transmission Voltage	\$1.50		0.260¢	C

**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider.

**SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

**DETERMINATION OF DEMAND**

The adjusted demand in kilowatts for billing purposes shall be determined by dividing the maximum actual demand in kilowatts by the power factor expressed in percent but not more than a 90% power factor and multiplying the quotient so obtained by 90% and rounding to the nearest whole kW. In no month shall the demand to be billed be considered as less than (1) current month's adjusted demand in kW, or (2) 50% of the greatest monthly adjusted demand in kW during the preceding 11 months. But in no month shall the billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 100 hours per month.

(Continued on Sheet No. 5-26)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**GENERAL SERVICE (Continued)**  
**RATE CODE D16**

Section No. 5  
2nd Revised Sheet No. 26

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**DETERMINATION OF DEMAND (Continued)**

The greatest monthly adjusted demand in kW during the preceding 11 months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

**MAXIMUM DEMAND**

The maximum actual demand in kilowatts shall be the greatest 15 minute load during the month for which bill is rendered.

**POWER FACTOR**

For three phase customers with services above 200 amperes or above 480 V, the power factor for the month shall be determined by permanently installed metering equipment.

For all single phase customers and three phase customers with services 200 amperes or less, a power factor of 90% will be assumed.

**OFF-SEASON LOAD SERVICE**

The optional Off-Season Load Service is available under this schedule subject to the provisions contained in the Off-Season Load Rider.

**STANDBY SERVICE**

Standby Service is available under this schedule subject to the provisions contained in the Standby Service Rider.

**MINIMUM DEMAND TO BE BILLED**

The monthly minimum billing demand shall not be less than provided above, whether or not energy is used.

**SPLIT SERVICE**

When approved by Company, customer's service may be split between General Service and General Time of Day Service rates. Only Company approved storage space cooling and storage space heating equipment qualifies for the General Time of Day Service portion of a Split Service installation. The thermal storage equipment shall be permanently wired, separately served and metered, and at no time connected to the General Service portion of the Split Service installation. Each portion of a customer's Split Service installation will be considered separately for all other rate application purposes.

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(Continued on Sheet No. 5-27)

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**TERMS AND CONDITIONS OF SERVICE**

1. Alternating current service is provided at the following nominal voltages:
  - a. Secondary Voltage: Single or three phase from 208v up to but not including 2,400v,
  - b. Primary Voltage: Three phase from 2,400v up to but not including 69,000v,
  - c. Transmission Transformed Voltage: Three phase from 2400v up to but not including 69,000v, where service is provided at the Company's disconnecting means of a distribution substation transformer,
  - d. Transmission voltage: Three phase at 69,000v or higher.

Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.
3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1.B.
4. Customer selecting General Service will remain on this rate for a period of not less than twelve months.
5. A customer who has a billing demand of less than 25 kW for twelve consecutive months, will be given the option of returning to the Small General Service schedule.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

**GENERAL TIME OF DAY SERVICE  
 RATE CODE D17**

Section No. 5  
 7th Revised Sheet No. 28

**AVAILABILITY**

Available to any non-residential customer for general service.

**RATE**

Customer Charge per Month				
Time of Day Metered (D17)		\$28.74		C
Service at Secondary Voltage				
Demand Charge per Month per kW				
On-Peak Period Demand		\$9.95	\$14.15	C
Off-Peak Period Demand in Excess of On-Peak Period Demand		\$1.50	\$1.50	
Energy Charge per kWh				
On-Peak Period Energy		4.256¢		C
Off-Peak Period Energy		2.339¢		C
Energy Charge Credit				
All kWh in Excess of 400 Hours Times the Sum of On-Peak Period and Excess Off-Peak Period Billing Demand		1.050¢		C
		<u>January - December</u>		
Voltage Discounts per Month		<u>Per kW</u>	<u>Per kWh</u>	
Primary Voltage		\$0.60	0.110¢	C
Transmission Transformed Voltage		\$1.10	0.230¢	C
Transmission Voltage		\$1.50	0.260¢	C

**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider.

**SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

**DEFINITION OF PEAK PERIODS**

The on-peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on-peak and off-peak period is subject to change with change in Company's system operating characteristics.

(Continued on Sheet No. 5-29)

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**GENERAL TIME OF DAY SERVICE (Continued)**  
**RATE CODE D17**

Section No. 5  
3rd Revised Sheet No. 29

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**DETERMINATION OF ON-PEAK PERIOD DEMAND**

The actual on-peak period demand in kilowatts shall be the greatest 15-minute load for the on-peak period during the month for which the bill is rendered. The adjusted demand in kilowatts for billing purposes shall be determined by dividing the actual on-peak demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW. In no month shall the on-peak period demand to be billed be considered as less than the current month's adjusted on-peak period demand in kW, or 50% of the greatest monthly adjusted on-peak period demand in kW during the preceding 11 months. But in no month shall the on-peak billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 100 hours per month.

The greatest monthly adjusted on-peak period demand in kW during the preceding eleven months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

**DETERMINATION OF OFF-PEAK PERIOD DEMAND IN EXCESS OF ON-PEAK PERIOD DEMAND**

The actual off-peak period demand in kilowatts shall be the greatest 15-minute load for the off-peak period during the month for which the bill is rendered rounded to the nearest whole kW. In no month shall the off-peak period demand for billing purposes be considered as less than the current month's actual off-peak period demand in kW, or 50% of the greatest monthly actual off-peak period demand in kW during the preceding eleven months.

The greatest monthly actual off-peak period demand in kW during the preceding eleven months shall not include the additional demand which may result from customer's use of standby capacity contracted for under the Standby Service Rider.

The off-peak period demand in excess of on-peak period demand in kilowatts to be billed shall be determined by subtracting the billing on-peak period demand from the actual off-peak period demand as defined above only if the off-peak period demand is greater.

**POWER FACTOR**

For three phase customers with services above 200 amperes or above 480 V, the power factor for the month shall be determined by permanently installed metering equipment.

For all single phase customers and three phase customers with services 200 amperes or less, a power factor of 90% will be assumed.

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(Continued on Sheet No. 5-30)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSO NO. 2**

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**GENERAL TIME OF DAY SERVICE (Continued)**  
**RATE CODE D17**

Section No. 5  
2nd Revised Sheet No. 30

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**STANDBY SERVICE**

Standby Service is available under this schedule subject to the provisions contained in the Standby Service Rider.

**MINIMUM DEMAND TO BE BILLED**

The monthly minimum billing demand shall not be less than provided above.

**SPLIT SERVICE**

When approved by Company, customer's service may be split between General Service and General Time of Day Service rates. Only Company approved storage space cooling and storage space heating equipment qualifies for the General Time of Day Service portion of a Split Service installation. The thermal storage equipment shall be permanently wired, separately served and metered, and at no time connected to the General Service portion of the Split Service installation. Each portion of customer's Split Service installation will be considered separately for all other rate application purposes.

**TERMS AND CONDITIONS OF SERVICE**

1. Alternating current service is provided at the following nominal voltages:
  - a. Secondary Voltage: Single or three phase from 208v up to but not including 2,400v,
  - b. Primary Voltage: Three phase from 2,400v up to but not including 69,000v,
  - c. Transmission Transformed Voltage: Three phase from 2400v up to but not including 69,000v, where service is provided at the Company's disconnecting means of a distribution substation transformer,
  - d. Transmission Voltage: Three phase at 69,000v or higher.

Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.
3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1.B.
4. Customer selecting General Time of Day Service will remain on this rate for a period of not less than twelve months.
5. A customer who has a billing demand of less than 25 kW for twelve consecutive months will be given the option of returning to the Small General Time of Day Service schedule.

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Northern States Power Company, a Minnesota corporation  
Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**RESERVED FOR FUTURE USE**

Section No. 5  
Original Sheet No. 31

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**RESERVED FOR FUTURE USE**

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		President and CEO of Northern States Power Company, a Minnesota corporation		
Case No.	PU-07-740		Order Date:	11-21-07

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSA NO. 2**

**PEAK-CONTROLLED SERVICE  
 RATE CODE D20**

Section No. 5  
 7th Revised Sheet No. 32

**AVAILABILITY**

Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company. General availability is restricted to customers with a minimum controllable demand of 50 kW.

**RATE**

Customer Charge per Month			\$56.50		C
Service at Secondary Voltage					
Demand Charge per Month per kW		<u>Tier 1</u>		<u>Tier 2</u>	
Firm Demand					
June - September		\$14.15		\$14.15	C
Other Months		\$9.95		\$9.95	
Controllable Demand (Jan-Dec)					
Level A: < 65% PF (Tier 1 Closed)		\$7.69		\$8.26	
Level B: ≥ 65% and < 85% PF		\$6.90		\$7.57	
Level C: ≥ 85% PF		\$6.34		\$7.11	
Energy Charge per kWh			3.160¢		
Energy Charge Credit					
All kWh in Excess of 400 Hours			1.050¢		C
Times the Billing Demand					
Voltage Discounts per Month		<u>January - December</u>			
Primary Voltage		<u>Per kW</u>		<u>Per kWh</u>	C
Transmission Transformed Voltage		\$0.60		0.110¢	C
Transmission Voltage		\$1.10		0.230¢	C
Transmission Voltage		\$1.50		0.260¢	C

**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider.

**SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

(Continued on Sheet No. 5-33)

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		President and CEO of Northern States Power Company, a Minnesota corporation		
Case No.	PU-12-813		Order Date:	02-26-14

**PEAK-CONTROLLED SERVICE (Continued)**  
**RATE CODE D20**

Section No. 5  
4th Revised Sheet No. 33

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**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

**DEFINITION OF PERFORMANCE FACTOR (PF)**

Performance Factor is defined in percentage terms as the average of the July and August calendar month unadjusted maximum Controllable Demand occurring from 1:00 p.m. to 7:00 p.m. on weekdays, or which has been permanently shifted out of normal control period times, divided by the unadjusted maximum annual Controllable Demand. Customers claiming permanent load shifts must provide verification to Company, based on NSP's established criteria.

**DETERMINATION OF DEMAND**

Maximum Actual Demand in kilowatts shall be the greatest 15 minute load during the billing month.

Adjusted Demand in kilowatts for billing purposes shall be determined by dividing the Maximum Actual Demand in kilowatts by the power factor expressed in percent but not more than a 90% power factor and multiplying the quotient so obtained by 90% and rounding to the nearest whole kW.

Predetermined Demand shall be specified and agreed to by the customer and Company. Customer's Adjusted Demand must not exceed the Predetermined Demand Level (PDL) during a control period.

*Standard PDL* customers must agree to a fixed demand level and limit load to that level during a control period.

*Optional PDL* customers must agree to reduce demand by a fixed amount during a control period. Customer's Firm Demand will vary from month-to-month while the Controllable Demand remains fixed each month. The Firm Demand will be the Adjusted Demand (based on the Maximum Actual Demand for the month) less the fixed amount of Controllable Demand. Customer's PDL will be the monthly adjusted demand less the fixed load reduction. Customers selecting the Optional PDL must either be equipped with back-up generation to provide the fixed load reduction or have a specific load that can be separately sub-metered and has an annual load factor of 90% or greater.

Firm Demand for the billing month shall be the lesser of Predetermined Demand or Adjusted Demand, except in months when customer fails to control load to Predetermined Demand Level when requested by Company. In these months, Firm Demand shall be the Adjusted Demand established during the control period. For Optional PDL customers, Firm Demand shall be Adjusted Demand less Controllable Demand, except in months when customer fails to control the full amount of their fixed Controllable Demand. In these months the Firm Demand shall be the Adjusted Demand less the amount of Demand that was controlled as shown by meter measurement.

Controllable Demand shall be the difference between customer's adjusted demand during the billing month, and the greater of Predetermined Demand or Firm Demand, but never less than zero.

Minimum Demand to be billed each month as either Firm Demand, Controllable Demand or a combination of both, shall not be less than the current month's Adjusted Demand in kW.

(Continued on Sheet No. 5-34)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSO NO. 2**

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**PEAK-CONTROLLED SERVICE (Continued)**  
**RATE CODE D20**

Section No. 5  
3rd Revised Sheet No. 34

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**POWER FACTOR**

The power factor for the month shall be determined by permanently installed metering equipment.

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**ANNUAL MINIMUM DEMAND CHARGE**

The annual minimum demand charge shall be no less than six times and average monthly Firm Demand Charge per kW times the Predetermined Demand, plus six times the Controllable Demand Charge per kW times the maximum Controllable Demand.

**OTHER PROVISIONS**

Peak-Controlled Service is also subject to provisions contained in Rules for Application of Peak-Controlled Service.

**TERMS AND CONDITIONS OF SERVICE**

1. Alternating current service is provided at the following nominal voltages:
  - a. Secondary Voltage: Single or three phase from 208v up to but not including 2,400v,
  - b. Primary Voltage: Three phase from 2,400v up to but not including 69,000v,
  - c. Transmission Transformed Voltage: Three phase from 2,400v up to but not including 69,000v, where service is provided at the Company's disconnecting means of a distribution substation transformer,
  - d. Transmission Voltage: Three phase at 69,000v or higher.

Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.
3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1.B.

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Northern States Power Company, a Minnesota corporation  
Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**CANCELED**

Section No. 5  
1st Revised Sheet No. 35

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**CANCELED**

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		President and CEO of Northern States Power Company, a Minnesota corporation		
Case No.	PU-07-776		Order Date:	12-31-08

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSA NO. 2**

**PEAK-CONTROLLED TIME OF DAY SERVICE  
 RATE CODE D21**

Section No. 5  
 6th Revised Sheet No. 36

**AVAILABILITY**

Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company. General availability is restricted to customers with a minimum controllable demand of 50 kW.

**RATE**

Customer Charge per Month		\$56.50		C
Service at Secondary Voltage				
Demand Charge per Month per kW				
Firm Demand				
		<u>Tier 1</u>	<u>Tier 2</u>	
June - September		\$14.15	\$14.15	C
Other Months		\$9.95	\$9.95	
Controllable Demand (Jan-Dec)				
Level A: < 65% PF(Tier 1 Closed)		\$7.69	\$8.26	
Level B: ≥ 65% and < 85% PF		\$6.90	\$7.57	
Level C: ≥ 85% PF		\$6.34	\$7.11	C
Off-Peak Period Demand in Excess of On-Peak Period Demand per kW		\$1.50		
Energy Charge per kWh				C
On-Peak Period Energy		4.256¢		C
Off-Peak Period Energy		2.339¢		
Energy Charge Credit				C
All kWh in Excess of 400 Hours Times the Sum of On-Peak Period and Excess Off-Peak Period Billing Demand		1.050¢		
		<u>January – December</u>		
Voltage Discounts per Month		<u>Per kW</u>	<u>Per kWh</u>	C
Primary Voltage		\$0.60	0.110¢	C
Transmission Transformed Voltage		\$1.10	0.230¢	C
Transmission Voltage		\$1.50	0.260¢	

(Continued on Sheet No. 5-36)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSR NO. 2**

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**PEAK-CONTROLLED TIME OF DAY SERVICE  
(Continued)  
RATE CODE D21**

Section No. 5  
4th Revised Sheet No. 37

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**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider

**SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on due date.

**DEFINITION OF PEAK PERIODS**

The on-peak period is defined as those hours between 9 a.m. and 9 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off-peak period is defined as all other hours. Definition of on-peak and off-peak period is subject to change with change in Company's system operating characteristics.

**DEFINITION OF PERFORMANCE FACTOR (PF)**

Performance Factor is defined in percentage terms as the average of the July and August calendar month unadjusted maximum Controllable Demand occurring from 1 p.m. to 7 p.m. on weekdays, or which has been permanently shifted out of normal control period times, divided by the unadjusted maximum annual Controllable Demand. Customers claiming permanent load shifts must provide verification to Company, based on Company established criteria.

**DETERMINATION OF DEMAND**

Maximum Actual On-Peak Period Demand in kilowatts shall be the greatest 15-minute load for the on-peak period during the billing month.

Adjusted On-Peak Period Demand in kilowatts for billing purposes shall be determined by dividing the Maximum Actual on-peak demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW.

Maximum Actual Off-Peak Period Demand in kilowatts shall be the greatest 15-minute load for the off-peak period during the billing month rounded to the nearest whole kW. In no month shall the off-peak period demand for billing purposes be considered as less than the current month's actual off-peak period demand in kW.

Off-Peak Period Demand in Excess of On-Peak Period Demand in kilowatts to be billed shall be determined by subtracting the billing on-peak period demand from the actual off-peak period demand only if the off-peak period demand is greater.

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(Continued on Sheet No. 5-38)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**PEAK-CONTROLLED TIME OF DAY SERVICE  
(Continued)  
RATE CODE D21**

Section No. 5  
4th Revised Sheet No. 38

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Off-Peak Period Demand in Excess of On-Peak Period Demand in kilowatts to be billed shall be determined by subtracting the billing on-peak period demand from the actual off-peak period demand only if the off-peak period demand is greater.

Predetermined Demand shall be specified and agreed to by the customer and Company. Customer's Adjusted On-Peak Demand must not exceed the Predetermined Demand Level (PDL) during a control period.

*Standard PDL* customers must agree to a fixed demand level and limit load to that level during a control period.

*Optional PDL* customers must agree to reduce demand by a fixed amount during a control period. Customer's Firm Demand will vary from month-to-month while the Controllable Demand remains fixed each month. The Firm Demand will be the Adjusted Demand (based on the Maximum Actual Demand for the month) less the fixed amount of Controllable Demand. Customer's PDL will be the monthly adjusted on peak demand less the fixed load reduction. Customers selecting the Optional PDL must either be equipped with back-up generation to provide the fixed load reduction or have a specific load that can be separately sub-metered and has an annual load factor of 90% or greater.

Firm Demand for the billing month shall be the lesser of Predetermined Demand or Adjusted On-Peak Period Demand, except in months when customer fails to control load to Predetermined Demand Level when requested by Company. In these months, Firm Demand shall be the Adjusted On-Peak Period Demand established during the control period. For Optional PDL customers, Firm Demand shall be Adjusted On-Peak Demand less Controllable Demand, except in months when customer fails to control the full amount of their fixed Controllable Demand, In the months the Firm Demand shall be the Adjusted On-Peak Period Demand less the amount of Demand that was controlled as shown by meter measurement.

Controllable Demand shall be the difference between customer's Adjusted On-Peak Period Demand during the billing month, and the greater of Predetermined Demand or Firm Demand, but never less than zero.

Minimum On-Peak Demand to be Billed each month as Firm Demand, Controllable Demand or combinations of both, shall not be less than the current month's Adjusted On-Peak period Demand in kW.

**POWER FACTOR**

The power factor for the month shall be determined by permanently installed metering equipment.

**ANNUAL MINIMUM DEMAND CHARGE**

The annual minimum demand charge shall be no less than six times and average monthly Firm Demand Charge per kW times the Predetermined Demand, plus six times the Controllable Demand Charge per kW times the maximum Controllable Demand.

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**OTHER PROVISIONS**

Peak-Controlled Time of Day Service is also subject to provisions contained in Rules for Application of Peak-Controlled Service.

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(Continued on Sheet No. 5-39)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSO NO. 2**

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**PEAK-CONTROLLED TIME OF DAY SERVICE  
(Continued)  
RATE CODE D21**

Section No. 5  
2nd Revised Sheet No. 39

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**TERMS AND CONDITIONS OF SERVICE**

1. Alternating current service is provided at the following nominal voltages:
  - a. Secondary Voltage: Single or three phase from 208v up to but not including 2,400v,
  - b. Primary Voltage: Three phase from 2,400v up to but not including 69,000v,
  - c. Transmission Transformed Voltage: Three phase from 2,400v up to but not including 69,000v, where service is provided at the Company's disconnecting means of a distribution substation transformer,
  - d. Transmission Voltage: Three phase at 69,000v or higher.

Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.
3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1.B.

(Continued on Sheet No. 5-40)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSA NO. 2**

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**RULES FOR APPLICATION OF  
PEAK-CONTROLLED SERVICE**

Section No. 5  
3rd Revised Sheet No. 42

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1. Customer has the responsibility of controlling own load to predetermined demand level.
2. Customer must allow Company to inspect and approve the load control installation and equipment provided by customer.
3. If controlled demand is 10 MW or larger, Company may require customer to:
  - a. Provide auxiliary contacts for remote indication of position of switch or circuit breaker used to control demand and wire auxiliary contacts into a connection point designated by Company,
  - b. Install the remote breaker indication equipment provided by Company,
  - c. Provide a continuous 120 volt AC power source at the connection point for operation of the Company remote breaker indication equipment,
4. Company will endeavor to give customer one hour notice of commencement of control period, and as much additional notice as is practical. However, control period may be commenced without notice should Company determine such action is necessary.
5. Failure to Control Charge: An additional charge of \$8 (\$10.00 for Tier 1) per kW will apply during each Company specified control period to the amount by which customer's Maximum Adjusted Demand exceeds their Predetermined Demand Level. After three such customer failures to control load to their Predetermined Demand Level, Company reserves the right to increase the Predetermined Demand Level or remove customer from Peak-Controlled Service and apply the cancellation charge specified in customer's Electric Service Agreement.
6. The duration and frequency of control periods shall be at the discretion of Company. Control periods will normally occur at such times as when Company expects system peak load conditions and at such other times when, in Company's opinion, the reliability of the system is endangered.
7. Customer will execute an Electric Service Agreement with Company which includes:

Peak-Controlled Service - Tier 1

  - a. A minimum initial 10 year term of service which includes a one year trial period and a three year cancellation notice effective after the initial term of service,
  - b. The Predetermined Demand Level, or the fixed Controllable Demand if Optional PDL is selected which may be revised subject to approval by Company,
  - c. Maximum 150 hours of interruption,
  - d. Cancellation charge terms, and
  - e. Control period notice.

(Continued on Sheet No. 5-43)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSA NO. 2**

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**RULES FOR APPLICATION OF  
PEAK-CONTROLLED SERVICE (CONTINUED)**

Section No. 5  
3rd Revised Sheet No. 43

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7. Customer will execute an Electric Service Agreement with Company which includes: (Continued)  
Peak Controlled Service - Tier 2
  - a. A minimum initial five year term of service which includes a one year trial period and a six month cancellation notice effective after the initial term of service,
  - b. The Predetermined Demand Level, or the fixed Controllable Demand if Optional PDL is selected which may be revised subject to approval by Company,
  - c. Maximum 80 hours of interruption,
  - d. Cancellation charge terms, and
  - e. Control period notice.
- f. Minimum controllable demand during the Company's peak season shall be 50 kW.
9. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.
10. Company will determine, at a service location designated by Company, the number of services supplied. Customers requesting special facilities will be charged the additional costs incurred for such facilities.
11. Customers choosing the Predetermined Demand Level option requiring a fixed demand reduction will be subject to an additional charge for metering and billing when additional metering equipment is necessary. The additional charge is \$14.00 per month for an application using a single meter in close proximity to customer's service point. The additional charge for more complex applications will be based on the actual costs of the specific application.
12. Company will maintain Firm Demand Charge rates for Peak-Controlled Service and Peak-Controlled Time of Day Service at the General Service and General Time of Day Service levels, respectively.
13. Any customer with generating equipment which is operated in parallel with Company must comply with all requirements associated with Parallel Operations as specified in the General Rules and Regulations of the Company.
14. Any load served by customer generation during Company requested control periods must be served by Company at all other times.
15. Customers selecting Peak-Controlled Services will normally remain at a specific Performance Factor level for a minimum of one year, subject to the Company's discretion. The Company may transfer customers between Performance Factor levels following verification of a customer's performance, as defined in the applicable rate schedule and as specified in the customer's Electric Service Agreement. This rate contemplates that increases in summer controllable demand, which thereby affect a customer's Performance Factor level, will be at sufficient consumption levels to yield a July or August calendar month load factor of 34% or greater. The Company reserves the right to limit the customer's eligibility to be on a higher Performance Factor level due to the above restriction.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**CUSTOMER BUYBACK PROGRAM SERVICE**

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSO NO. 2**

**REAL TIME PRICING SERVICE**  
**RATE CODE: D62 (FIRM), D63 (CONTROLLABLE)**

Section No. 5  
 4th Revised Sheet No. 53

**AVAILABILITY**

Available to customers with a minimum peak demand of 1,000 kW. Availability may be restricted to limit total customer peak demand to a maximum of 10,000 kW. The controllable service option requires a minimum controllable load of 500 kW.

**RATE**

Customer Charge per Month \$345.00 C

Demand Charge per Month per kW  
 Contract Demand \$9.93 C

Distribution Demand by Voltage

Secondary	Primary	Transmission Transformed	Transmission
\$1.30	\$0.64	\$0.25	\$0.00

Energy Charge per kWh

Day-Type

	1	2	3	4	5	6	7	8	
12 a.m.-6 a.m.	3.264¢	2.657¢	2.399¢	2.100¢	1.948¢	1.704¢	1.626¢	1.465¢	C
6 a.m.- 9 a.m.	6.715¢	5.057¢	3.971¢	4.114¢	3.901¢	3.286¢	2.504¢	1.868¢	
9 a.m.-12 p.m.	19.221¢	11.431¢	6.523¢	4.806¢	3.442¢	2.636¢	2.059¢	1.678¢	
12 p.m.- 6 p.m.	33.173¢	21.422¢	10.990¢	5.928¢	3.442¢	2.638¢	2.068¢	1.681¢	
6 p.m.- 9 p.m.	23.681¢	15.892¢	8.735¢	4.987¢	3.443¢	2.658¢	2.093¢	1.697¢	
9 p.m.-12 a.m.	6.598¢	5.057¢	4.339¢	3.660¢	2.797¢	2.425¢	2.041¢	1.815¢	C

Day-type energy charges are subject to the Stability Factor Adjustment provision.

Annual Day-Type Distribution

Normal	5	5	10	35	60	110	60	80
Maximum	8	8	16	50	n/a	n/a	n/a	n/a

Limited Energy Surcharge per kWh 19.000¢ C  
 All kWh during peak period hours in excess of Contract Demand

Energy Charge Credit per Month 0.900¢ C  
 All kWh in excess of 400 times Contract Demand, not to exceed 50% of total kWh

Energy Charge Voltage Discount per kWh  

Primary	Transmission Transformed	Transmission
0.110¢	0.230¢	0.260¢

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(Continued on Sheet No. 5-54)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**REAL TIME PRICING SERVICE (Continued)**  
**RATE CODE: D62 (FIRM), D63 (CONTROLLABLE)**

Section No. 5  
5th Revised Sheet No. 54

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**DAY-TYPE**

Separate energy charges are defined for each of eight day-types. Company will normally designate the applicable day-type for each day by 4:00 p.m. of the preceding day. If Company has not designated the applicable day by 4:00 p.m., the day-type will be the same as the last designated day-type, unless Company later designates a lower cost day-type.

**CONTRACT**

Customers must contract for this service through an Electric Service Agreement with Company. Contract period will normally be for one year.

**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider.

**SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

**PEAK PERIOD HOURS DEFINITION**

Peak period hours are the nine hours between 9:00 a.m. and 6:00 p.m. for day-types 1, 2, 3, 4, 5, and 6. No peak period hours are applicable for day-types 7 and 8.

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(Continued on Sheet No. 5-55)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSA NO. 2**

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**REAL TIME PRICING SERVICE (Continued)**  
**RATE CODE: D62 (FIRM), D63 (CONTROLLABLE)**

Section No. 5  
3rd Revised Sheet No. 55

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**STABILITY FACTOR ADJUSTMENT**

Day-type energy charges will be adjusted by a stability factor to compensate for departures from the normal distribution of day-types. The average day-type energy charge, weighted with system loads, will be determined for actual and normal day-types. Stability factors of no more than five percent will be implemented following an annualized differential that exceeds two percent, and discontinued after the differential for the preceding 12 months is less than one percent. Customers will be notified of the effective date and amount of any stability factor adjustment before that adjustment is implemented, changed or discontinued. No stability factor adjustment will apply to customers receiving this service for fewer months than used to determine the adjustment.

**POWER FACTOR**

The power factor for the month shall be determined by permanently installed metering equipment. Company may require customer to install Company-approved equipment to maintain a power factor of not less than 90%.

(Continued on Sheet No. 5-56)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSO NO. 2**

**REAL TIME PRICING SERVICE (Continued)**  
**RATE CODE: D62 (FIRM), D63 (CONTROLLABLE)**

Section No. 5  
 4th Revised Sheet No. 56

**DETERMINATION OF DEMAND**

Contract Demand in kW is designated by customer and is fixed for no less than 12 months. Customers are allowed a maximum of one opportunity to revise to their contract demand level in any continuous 12-month period. In no month shall the demand to be billed be considered as less than the actual or expected average kW load during peak period hours of the billing month. In all months, the Contract Demand designated by customer shall be used to determine the kWh sales applied to the Limited Energy Surcharge and the Energy Charge Credit.

Distribution Demand in kW shall be the greatest 15 minute load that occurred during the past 12 months, including the current billing month, rounded to the nearest whole kW. Additional demand that may result from customer's use of contracted standby or supplemental capacity is not included in the determination of distribution demand.

**CONTROLLABLE SERVICE OPTION**

The controllable service option is available to customers that agree to control a minimum load of 500 kW to a predetermined level whenever required by Company. The applicable monthly controllable demand credit is applied customer's monthly controllable demand. The applicable limited energy charge per kWh replaces the charge for firm service.

Controllable Demand Credit per Month per kW

	Jun-Sep	Other Months	Limited Energy Surcharge per kWh	
Level A: < 65% PF	%5.35	\$1.15	13.600¢	C
Level B: ≥ 65% and < 85% PF	\$6.01	\$1.81	9.500¢	C
Level C: ≥ 85% PF	\$6.41	\$2.21	7.700¢	C

Controllable Demand in kW is the difference between Contract Demand for the billing month and Predetermined Demand Level.

Predetermined Demand Level (PDL) shall be specified and agreed to by the customer and Company, and may not exceed the Contract Demand. Customer's demand must not exceed the PDL during a control period.

Performance Factor (PF) is defined in percentage terms as the average of the July and August calendar month maximum Controllable Demand occurring from 1:00 p.m. to 7:00 p.m. on weekdays, divided by the maximum annual Controllable Demand. Customer's representative load characteristics will be used to determine customer's PF. Company reserves the right to determine customer's eligibility for PF levels and may transfer customers between levels following verification of a customer's performance.

(Continued on Sheet No. 5-57)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSO NO. 2**

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**REAL TIME PRICING SERVICE (Continued)**  
**RATE CODE: D62 (FIRM), D63 (CONTROLLABLE)**

Section No. 5  
3rd Revised Sheet No. 57

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Controllable Service Terms and Conditions

Customers on this Real Time Pricing Service tariff taking the Controllable Service Option are subject to the Rules for Application of Peak-Controlled Service.

**STANDBY SERVICE**

Standby service is available under this schedule subject to the provisions contained in the Standby Service Rider.

**TERMS AND CONDITIONS OF SERVICE**

1. Alternating current service is provided at the following nominal voltages:
  - a. Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts,
  - b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts,
  - c. Transmission Transformed Voltage: Three phase from 2,400 volts up to but not including 69,000 volts, where service is provided at the Company's disconnecting means of a distribution substation transformer, or
  - d. Transmission Voltage: Three phase at 69,000 volts or higher.

Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

2. Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.
3. Transmission Service is available at transmission voltage, subject to the terms and conditions contained in the Company's General Rules and Regulations, Section 5.1(B).
4. Company will provide, install, and maintain equipment necessary to communicate real-time prices to customers. Customer will provide for a dedicated telephone line service approved by Company.
5. Customer will pay a cancellation charge for contract cancellation prior to the end of a contract period. The cancellation charge is \$1,000.00, plus the difference between customer's bills recalculated using customer's previous rate schedule and this rate schedule if such difference is greater than zero.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**RESERVED FOR FUTURE USE**

Section No. 5  
Original Sheet No. 58

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**RESERVED FOR FUTURE USE**

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		President and CEO of Northern States Power Company, a Minnesota corporation		
Case No.	PU-07-740		Order Date:	11-21-07

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

**STREET LIGHTING SYSTEM SERVICE  
RATE CODE D30**

Section No. 5  
9th Revised Sheet No. 59

**AVAILABILITY**

Available for the year-round illumination of public roadways with standard street lighting facilities and equipment furnished by the Company. Underground service is limited to areas served by a Company-owned underground electric distribution system. The Company will provide all electric energy and install, own, operate, and maintain the street lighting system. Available types of lighting include High Pressure Sodium (HPS) and Light Emitting Diode (LED).

**RATE**

<u>Wattage and Type</u>	<u>Monthly Charge Per Fixture</u>		
	<u>Overhead</u>	<u>Underground</u>	<u>Decorative</u>
100W HPS	\$10.80	\$20.83	\$33.26
150W HPS	\$11.89	\$21.98	\$34.40
250W HPS	\$15.02		\$36.94
400W HPS	\$18.01		
30-40W LED	\$10.99	\$21.02	
50-75W LED	\$11.98	\$22.07	
110-165W LED	\$15.66		
200-250W LED	\$19.22		

**FUEL COST**

Bills subject to the charges provided for in the Fuel Cost Rider.

**OTHER RIDERS**

Bills are subject to the charges provided for in the Transmission Cost Recovery Rider and the Renewable Energy Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

**OTHER PROVISIONS**

This schedule is also subject to provisions contained in Rules for Application of Street Lighting Rates.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

**STREET LIGHTING SERVICE - UNMETERED  
 (CLOSED)  
 RATE CODES D31, D32**

Section No. 5  
 7th Revised Sheet No. 60

**AVAILABILITY**

Available for year-round illumination of public roadways by Company approved street lighting systems owned by customer. The Company will provide all electric energy necessary to operate the lights. Street lighting systems must include standards with a maximum height of 50 feet, fixtures, photocells, and conductors necessary for connection to the Company's distribution facilities. Service is limited to existing lighting systems being served under this schedule.

The Company will provide maintenance service for High Pressure Sodium (HPS), Mercury Vapor (MV), and Incandescent (INCD) types of lighting. Maintenance service is not provided for Light Emitting Diode (LED) lighting.

**RATE**

Wattage and Type (D31)

Monthly Charge Per Fixture

< 30W LED	\$1.01
30-45W LED	\$1.21
50-75W LED	\$1.57
110-165W LED	\$2.85
200-250W LED	\$4.12
70W HPS	\$2.93
100W HPS	\$3.44
150W HPS	\$4.21
200W HPS	\$5.14
250W HPS	\$6.13
310W HPS	\$7.41
400W HPS	\$8.60
1,000W HPS	\$17.76
175W MV	\$4.66
250W MV	\$5.82
400W MV	\$8.29

Lumens and Type (1 Lamp per Fixture) (D32)

1,000 L INCD	\$2.74
4,000 L INCD	\$5.12

(Continued on Sheet No. 5-61)

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		President, Northern States Power Company, a Minnesota corporation		
Case No.	PU-20-093		Order Date:	06-11-20

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Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**STREET LIGHTING SERVICE - UNMETERED  
(CLOSED) (Continued)  
RATE CODES D31, D32**

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Section No. 5  
5th Revised Sheet No. 61

**FUEL COST**

Bills subject to the charges provided for in the Fuel Cost Rider.

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**OTHER RIDERS**

Bills are subject to the charges provided for in the Transmission Cost Recovery Rider and the Renewable Energy Rider.

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**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

**OTHER PROVISIONS**

This schedule is also subject to provisions contained in Rules for Application of Street Lighting Rates.

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Date Filed: 03-09-20

By: Christopher B. Clark

Effective Date: 07-01-20

President, Northern States Power Company, a Minnesota corporation

Case No. PU-20-093

Order Date: 06-11-20

Northern States Power Company, a Minnesota corporation  
Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**STREET LIGHTING SERVICE  
(PURCHASED EQUIPMENT) (CLOSED)  
RATE CODE D32**

Section No. 5  
8th Revised Sheet No. 62

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Date Filed:	03-09-20	By: Christopher B. Clark	Effective Date:	07-01-20
		President, Northern States Power Company, a Minnesota corporation		
Case No.	PU-20-093		Order Date:	06-11-20



Northern States Power Company, a Minnesota corporation  
Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**STREET LIGHTING ENERGY SERVICE – METERED  
RATE CODE D33**

Section No. 5  
8th Revised Sheet No. 63

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**AVAILABILITY**

Available for year-round illumination of public roadways by street lighting systems owned and maintained by customer. A customer-owned lighting system must include all necessary underground cables extending between standards and to the Company's meter at a central distribution point of connection designated by Company. The Company will provide all electric energy necessary according to the operating schedule in the Rules for Application of Street Lighting Rates.

**RATE**

Customer Charge per Meter per Month \$5.25

Energy Charge per kWh 4.078¢

**FUEL COST**

Bills subject to the charges provided for in the Fuel Cost Rider.

**OTHER RIDERS**

Bills are subject to the charges provided for in the Transmission Cost Recovery Rider and the Renewable Energy Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

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		President, Northern States Power Company, a Minnesota corporation		
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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**RULES FOR APPLICATION OF  
STREET LIGHTING RATES**

Section No. 5  
4th Revised Sheet No. 64

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1. **Energy Service Metering Requirement**

Street Lighting Energy Service – Metered is the required rate schedule for new customer-owned lighting systems. The Street Lighting Service – Unmetered rate schedule will continue to be available for existing and Company-approved extensions of customer-owned lighting systems. The Company will evaluate a conversion to metering for sections of unmetered lighting systems included in areas of distribution system reconstruction or relocation.

2. **Operating Schedule**

All street lighting rate schedules require a photocell controlled operating schedule that energizes lighting from approximately one-half hour after sunset until one-half hour before sunrise.

3. **Billing Adjustment for Outages**

If electric energy under any unmetered service is interrupted and illumination is not resumed within 2 business days from the time the Company receives notice from the customer, 1/30<sup>th</sup> of the applicable monthly metered energy and fuel cost charges for the affected street lights for each night of service outage will be credited to the customer after notice is received. The Company will apply outage credits to all affected customers one time annually in the month of February of each year, together with an itemized list of the street lights associated with the credits.

4. **Maintenance Service – Street Lighting Service – Unmetered**

Company-provided maintenance service for non-LED lighting systems includes materials and labor for both: 1) the replacement of lamps, ballasts, and photocells, and 2) the cleaning and replacement of glassware. Customer is responsible for required lighting fixture replacements.

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(Continued on Sheet No. 5-65)

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		President, Northern States Power Company, a Minnesota corporation		
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**RULES FOR APPLICATION OF  
STREET LIGHTING RATES (Continued)**

Section No. 5  
4th Revised Sheet No. 65

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**5. Special Services – Street Lighting System Service**

a. Temporary Disconnection of Service (in which facilities remain in place)

When requested by the customer, the Company will temporarily disconnect service to individual street lights provided the customer pays a monthly facilities charge equal to the regular monthly rate less the product of the average monthly kWh for the light and the energy charge from the Street Lighting Energy Service – Metered rate schedule. The customer must pay a charge of \$25 to disconnect or reconnect each lighting unit.

b. Removal of Street Lighting Facilities

When requested by the customer, the Company will remove all, or a portion of, its street lighting system and cease billing. If the number of lights requested to be removed in any twelve-month period exceeds five percent of the lighting system, the customer will pay estimated costs for the removal and undepreciated value of the facilities, less any salvage value.

**6. Special Services – Street Lighting Service – Unmetered**

a. Daily Operating Schedule Option

Reduced hours of operation from the standard Daily Operating Schedule is available under the applicable commercial and industrial rate, subject to the following provisions:

- 1) The customer must install a meter socket at the service point.
- 2) The customer will provide all lighting maintenance and identify lighting units with Company approved markings.

b. Disconnection of Service

During the time period between disconnection and reconnection of street lights, the Company will cease billing provided the disconnection is made on the line side of the lighting unit ballast. If otherwise disconnected, the customer will pay a charge to compensate for the ballast core loss. Upon a request by the customer, the Company will disconnect or reconnect street lights at a charge of \$25 per lighting unit. The customer must identify all disconnected street lights with Company-approved markings.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**RULES FOR APPLICATION OF  
STREET LIGHTING RATES (Continued)**

Section No. 5  
4th Revised Sheet No. 66

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**CANCELED**

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**SMALL MUNICIPAL PUMPING SERVICE  
RATE CODE D40**

Section No. 5  
7th Revised Sheet No. 67

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**AVAILABILITY**

Available to municipal owned water works and municipal sewage systems for operation of pumping and treatment plants.

(Rate schedule applied separately to each delivery point.)

**RATE**

Customer Charge per Month	\$16.75		C
Energy Charge per kWh	<u>Oct-May</u> 5.932¢	<u>Jun-Sep</u> 7.512¢	C

**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider.

**MONTHLY MINIMUM CHARGE**

Customer Charge.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

**INSTALLATION OF DEMAND METERS**

The Company shall install a demand meter for a customer when:

- A. Customer's connected load is estimated to be 20 kW or greater,
- B. Customer is served single phase and has a service entrance capacity greater than 200 amperes,
- C. Customer is served three phase at 120/280 or 120/240 volts and has a service entrance capacity greater than 200 amperes,
- D. Customer is served three phase at 240/480 or 277/480 volts and has a service entrance capacity greater than 100 amperes, or
- E. Customer's average monthly kWh use for four consecutive months exceeds 3,500 kWh.

If a demand meter is installed in accordance with the above, the customer may remain on the Small Municipal Pumping Service schedule as long as his maximum demand is less than 25 kW. When the customer achieves an actual maximum demand of 25 kW or greater, the customer will be placed on the Municipal Pumping Service schedule in the next billing month. A customer who has a billing demand of less than 25 kW for 12 consecutive months will be given the option of returning to the Small Municipal Pumping Service schedule.

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		President and CEO of Northern States Power Company, a Minnesota corporation		
Case No.	PU-12-813		Order Date:	02-26-14

**MUNICIPAL PUMPING SERVICE**  
**RATE CODE D41**

Section No. 5  
 7th Revised Sheet No. 68

**AVAILABILITY**

Available to municipal water works and municipal sewage systems for operation of pumping and treatment plants.

(Rate schedule applied separately to each delivery point.)

**RATE**

Customer Charge per Month	\$25.74		C
Service at Secondary Voltage:	<u>Oct-May</u>	<u>Jun-Sep</u>	
Demand Charge per month:	\$9.95	\$14.15	C
Energy Charge - per kWh	3.160¢		C
Energy Charge Credit	1.050¢		C
All kWh in Excess of 400 Hours Times the Billing Demand			
		<u>January - December</u>	
Voltage Discount per Month	<u>Per kW</u>	<u>Per kWh</u>	
Primary Voltage	\$0.60	0.110¢	C

**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider

**MONTHLY MINIMUM CHARGE**

Customer Charge.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

**DETERMINATION OF DEMAND**

The adjusted demand in kilowatts for billing purposes shall be determined by dividing the maximum actual demand in kilowatts by the power factor expressed in percent but not more than a 90% power factor and multiplying the quotient so obtained by 90% and rounding to the nearest whole kW. In no month shall the demand to be billed be considered as less than (1) current month's adjusted demand in kW, or (2) 50% of the greatest monthly adjusted demand in kW during the preceding 11 months. But in no month shall the billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 100 hours per month.

(Continued on Sheet No. 5-69)

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**MUNICIPAL PUMPING SERVICE (Continued)**  
**RATE CODE D41**

Section No. 5  
2nd Revised Sheet No. 69

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**MAXIMUM DEMAND**

The maximum actual demand in kilowatts shall be the greatest 15-minute load during the month for which bill is rendered.

**POWER FACTOR**

For three phase customers with services above 200 amperes, or above 480v, the power factor for the month shall be determined by permanently installed meter equipment.

For all single phase customers and three phase customers with services 200 amperes or less, a power factor of 90% will be assumed.

**TERMS AND CONDITIONS OF SERVICE**

1. Alternating current service is provided at the following nominal voltages:
  - a. Secondary Voltage: Single or three phase from 208v up to but not including 2,400v,
  - b. Primary Voltage: Three phase from 2,400v or higher.

Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

2. A customer who has a billing demand of less than 25 kW for twelve consecutive months will be given the option of returning the Small Municipal Service schedule.

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Case No.	PU-12-813		Order Date:	02-26-14

Northern States Power Company, a Minnesota corporation  
Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSA NO. 2**

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**FIRE AND CIVIL DEFENSE SIREN SERVICE  
RATE CODE D42**

Section No. 5  
7th Revised Sheet No. 70

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**AVAILABILITY**

Available for power service for the operation of municipal fire and civil defense warning sirens having a rated capacity not in excess of 25 horsepower.

**RATE**

59¢ per month per horsepower of connected capacity.

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**MINIMUM CHARGE**

\$2.70 net per month.

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**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

**CONNECTION**

Under the above rate, the Company will make no extension for service other than a normal service span. Where conditions are such that a long service connection or extra transformer capacity, or both, are necessary, the customer shall either pay the entire cost of such extra equipment or pay a monthly facilities charge based on such costs.

The circuit serving the siren must be in conduit from the entrance to the motor with an enclosed entrance switch box, which may be sealed and operated from an external appliance.

**OPTIONAL**

In case the customer already has a service connection of sufficient capacity to permit operation of the siren without unduly disturbing conditions on the Company's nearby circuits, the siren may be connected at the option of the customer on the load side of the customer's existing meter and the commercial rate applied to the total load.

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Case No.	PU-12-813		Order Date:	02-26-14



Northern States Power Company, a Minnesota corporation  
Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**RESERVED FOR FUTURE USE**

Section No. 5  
Original Sheet No. 71

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**RESERVED FOR FUTURE USE**

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Case No.	PU-07-740		Order Date:	11-21-07

Northern States Power Company, a Minnesota corporation  
Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**RESERVED FOR FUTURE USE**

Section No. 5  
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Northern States Power Company, a Minnesota corporation  
Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**RESERVED FOR FUTURE USE**

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**RESERVED FOR FUTURE USE**

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Northern States Power Company, a Minnesota corporation  
Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**RESERVED FOR FUTURE USE**

Section No. 5  
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Case No.	PU-07-740		Order Date:	11-21-07

Northern States Power Company, a Minnesota corporation  
Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**RESERVED FOR FUTURE USE**

Section No. 5  
Original Sheet No. 75

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**RESERVED FOR FUTURE USE**

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Case No.	PU-07-740		Order Date:	11-21-07

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**FUEL COST RIDER**

Section No. 5  
4th Revised Sheet No. 76

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**FUEL COST RIDER CHARGE**

A Fuel Cost Rider (FCR) Charge will be added to the monthly customer bill to recover the Qualifying System Cost Of Fuel incurred by the Company, as defined below.

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**QUALIFYING SYSTEM COST OF FUEL**

The qualifying system cost of fuel includes:

1. The cost of fuels consumed in the Company's generating stations as recorded in Federal Energy Regulatory Commission (FERC) Accounts 151 and 518;
2. The cost of energy purchases, exclusive of capacity or demand charges, as recorded in FERC Account 555 including but not limited to:
  - a) Energy that is purchased on an economic dispatch basis;
  - b) Energy purchased from a renewable energy source with the exception of the Purchased Power Agreement (PPA) Cost Exclusion defined below. The energy that would have been provided to North Dakota customers from these excluded PPAs will be repriced at the Qualifying System Cost of Fuel absent these contracts;
  - c) Net costs, excluding administrative charges otherwise recoverable in rates, associated with the Company's participation in wholesale electric energy markets operated by Independent System Operators or entities that have received FERC approval to operate energy markets;
  - d) Energy purchased from a qualifying facility as defined in the Code of Federal Regulations, Section 18, Part 292;
  - e) Gains, losses, premium payments, and transaction costs related to financial instruments and linked transactions used to mitigate price volatility;
3. The actual identifiable fossil and other fuel costs associated with energy purchased for reasons other than identified in (2) above;
4. Less fuel-related costs and associated net costs of the Midwest Independent System Operator (MISO) Day 2 market recovered through intersystem sales.

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(Continued on Sheet No. 5-76.1)

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Case No.	PU-12-813		Order Date:	03-09-16

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**FUEL COST RIDER (Continued)**

Section No. 5  
3rd Revised Sheet No. 76.1

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**FUEL COST FACTOR**

The qualifying system cost of fuel per kWh is the sum of the costs defined in the previous section for the most recent four-month period divided by the qualifying kilowatt-hour (kWh) sales for the same period. Qualifying kWh sales are system kWh sales excluding intersystem sales.

The Fuel Cost Factor (FCF) for each service category is the qualifying system cost of fuel per kWh multiplied by the corresponding service category ratio (shown below) plus the applicable Fuel Cost True-Up Factor. The applicable billing FCF (rounded to the nearest \$0.00001) reflects a daily pro-ration of the FCFs for the calendar months included in the billing cycle and is applied to monthly billed kWh to determine the FCR Charge.

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**SERVICE CATEGORY RATIO**

<u>Service Category</u>	<u>Associated Rate Codes</u>	<u>Ratio</u>
Residential	D01, D02, D03, D04, D05, D10	0.9969
C&I Non-Demand	D05, D10, D12, D14, D18, D19, D34, D40, D42	1.0318
C&I Demand Non-TOD	D16, D20, D41	1.0184
C&I Demand TOD On-Peak	D17, D21, D22, D62, D63	1.2798
C&I Demand TOD Off-Peak	D17, D21, D22, D62, D63	0.7954
Outdoor Lighting	D11, D30, D31, D32, D33	0.7341

**FUEL COST TRUE-UP FACTOR**

The Fuel Cost True-Up Factor for each service category is the product of the applicable service category ratio and the net of 1) the North Dakota balance of unrecovered Qualifying System Cost of Fuel from prior months divided by the North Dakota retail kWh sales for the most recent four month period, 2) the North Dakota retail customer share of intersystem sales margin credit per kWh, and 3) the North Dakota retail customer share of Renewable Energy Credit sales proceeds per kWh.

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(Continued on Sheet No. 5-76.2)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**FUEL COST RIDER (Continued)**

Section No. 5  
5th Revised Sheet No. 76.2

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**INTERSYSTEM SALES MARGINS**

Intersystem Sales Margins are defined as intersystem sales revenues less the sum of fuel, energy costs (including costs associated with MISO Day 2 markets that are recorded in FERC Account 555), and any additional transmission costs incurred that are required to make such sales (referred to as "margins"). Retail customers will receive a credit for the retail share of total intersystem sales margins, as defined below:

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1. Asset Based Margins: One hundred percent (100%) of the North Dakota state jurisdictional share of margins from asset based intersystem energy sales and ancillary services. These margins shall be the actual amounts of such margins recorded, subject to any MISO resettlements.
2. Non-Asset Based Margins: Fifty percent (50%) of the North Dakota state jurisdictional share of non-asset based margins from intersystem sales. These margins shall be the actual amounts of such margins recorded, subject to the FERC approved Joint Operating Agreement and any MISO resettlements. The retail share of the Non-Asset Based Margins will be calculated annually after the close of the calendar year, and will be credited to the Fuel Cost True-up Factor only if calendar year margins are positive.

**SALES OF RENEWABLE ENERGY CREDITS**

One hundred percent (100%) of the North Dakota state jurisdictional share of net revenue generated by the sale of Renewable Energy Credits shall be credited to customers in the month following such sale.

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**PURCHASED POWER AGREEMENT (PPA) COST EXCLUSION**

Pursuant to the Commission's March 9, 2016 Order Accepting Settlement (Case Nos. PU-12-813, et. al.), the costs and volumes of fifteen Community-Based Energy Development (C-BED) and two small solar PPAs are to be excluded from the calculation of the Company's monthly FCR charge. The exclusion takes effect with the May 2016 FCR charge.

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**NEW PPA COST RECOVERY REVIEW**

1. The Company will report in each regular monthly FCR filing the costs and volumes of all PPAs included in the FCR calculation for the first time.
2. The Company will file annually a listing of all new PPAs included in the FCR during the previous calendar year. The annual filing will include a description of the project, a summary of the justification for the contract or investment, the expected annual costs over the life of the contract, and the initial estimated monthly bill impact to residential customers. If the Commission does not commence review of the listed PPAs within six months of the filing, the PPAs listed will be deemed prudent for FCR recovery or other ratemaking purposes for the life of the PPA.
3. For all PPAs 50 MW or greater, an Advance Determination of Prudence (ADP) must be approved by the Commission before such costs are included in the FCR.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

**SURCHARGE RIDER**

Section No. 5  
 4th Revised Sheet No. 77

A surcharge as designated will be included in the monthly bills computed under the indicated rate schedules effective in the North Dakota Communities listed below. The Company remits 100% of these fees collected from customers to the local government unit.\*

- A. Cummings (U)\* (\$2.60) X indicates surcharge is applied.
- B. Fargo (2%) - indicates surcharge is not applied.
- C. Grand Forks\*\* (2%) Blank space indicates rate is not available.
- D. Hatton (2%)
- E. Larimore (2%)
- F. West Fargo (2%)

Rate Schedules	A \$2.60	B 2%	C 2%	D 2%	E 2%	F 2%
Residential Service.....	X	X	X	X	X	X
Residential Time of Day Service.....	X	X	X	X	X	X
Energy-Controlled Service (Non-Demand Metered).....	-	X	X	X	X	X
Limited Off-Peak Service.....	-	X	X	X	X	X
Automatic Protective Lighting Service.....	-	X	X	X	X	X
Small General Service.....	X	X	X	X	X	X
Small General Time of Day Service.....	X	X	X	X	X	X
General Service.....	-	X	X	X	X	X
General Time of Day Service.....	-	X	X	X	X	X
Peak-Controlled Service.....	-	X	X	X	X	X
Peak-Controlled Time of Day Service.....	-	X	X	X	X	X
Real Time Pricing Service.....	-	X	X	X	X	X
Street Lighting System Service.....	-	X	-	-	-	X
Street Lighting Service (Purchased Equipment).....	-	X	-	-	-	X
Street Lighting Service (Purchased Equipment) (Closed).....	-	X	-	-	-	X
Street Lighting Energy Service-Metered .....	-	X	-	-	-	X
Small Municipal Pumping Service.....	-	X	-	-	-	X
Municipal Pumping Service.....	-	X	-	-	-	X
Fire and Civil Defense Siren Service.....	-	X	-	-	-	X

\*With the exception of Cummings, ND. The Company collects a fee of \$2.60 per customer in the community of Cummings for energy usage and maintenance on community street lighting. The amount collected is applied to Cummings' street lighting bill.

\*\*Surcharge is not applied to University of North Dakota bills.

(U) Indicates unincorporated community.

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 President and CEO of Northern States Power Company, a Minnesota corporation  
 Case No. PU-12-813 Order Date: 02-26-14

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSA NO. 2**

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**RESIDENTIAL CONTROLLED  
AIR CONDITIONING AND WATER HEATING RIDER**

Section No. 5  
6th Revised Sheet No. 78

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**AVAILABILITY**

Available to Residential Service customers with 1) Company controlled central air conditioning or heat pumps, or 2) Company controlled heat pumps receiving Energy-Controlled Service (Non-Demand Metered) with optional non-interruptible service during June through September. Company controlled electric water heating is also available to residential customers with a controlled central air conditioner or heat pump, except electric water heaters served with the Energy-Controlled Service (Non-Demand Metered) rate schedule. Availability is limited to customers located in areas which are within the operating range of radio controlled transmitters.

**RIDER**

Residential Central Air Conditioning. A 15% discount will apply to the energy and fuel cost charges during the billing months of June through September.

Residential Electric Water Heating. A 2% discount will apply to energy and fuel cost charges during each billing month provided total energy use is not less than 300 kWh.

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**TERMS AND CONDITIONS**

1. The duration and frequency of interruptions will be determined by Company. Air conditioning will be cycled on a schedule of 15 minutes on and 15 minutes off in any 30 minute portion of a load management period. Air conditioning interruptions will normally occur on high demand days during summer months. Water heating interruptions will normally occur on high demand days during summer and winter months. Interruption will normally be based on meeting peak demands and system economic dispatch requirements of Company. However, interruption may also occur at times when, in the Company's opinion, the reliability of the system may be at risk. Air conditioning and water heating interruptions will not normally occur during the observation day of the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
2. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.
3. To be eligible for this service, customer must agree to Company load control for a minimum term of one year.
4. The storage capacity of the water heater shall be 40 gallons or more in order to be eligible for this service.
5. The Residential Central Air Conditioning energy charge discount for Energy-Controlled Service (Non-Demand Metered) customers will also apply to their standard service energy charge.
6. Rider availability for heat pump installations is limited to those sized for summer cooling requirements, as determined by Company. Customers with heat pumps not receiving Energy-Controlled Service (Non-Demand Metered) will not be controlled during the billing months of October through May.

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Northern States Power Company, a Minnesota corporation  
Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**CANCELED**

Section No. 5  
2nd Revised Sheet No. 79

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**CANCELED**

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Case No.	PU-07-776		Order Date:	12-31-08

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSR NO. 2**

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**COMMERCIAL AND INDUSTRIAL CONTROLLED  
AIR CONDITIONING RIDER**

Section No. 5  
6th Revised Sheet No. 80

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**AVAILABILITY**

Available to Small General Service, Small General Time of Day Service, General Service or General Time of Day Service customers with:

1. Company controlled central air conditioning, or
2. Company controlled heat pumps receiving Energy-Controlled Service (Non-Demand Metered) with optional non-interruptible service during June through September.

Availability is restricted to customers with single and/or dual air conditioning units.

**RIDER**

A \$5.00 per ton per month credit shall be applied to customer's bill during each of the four summer billing months (June through September).

**TERMS AND CONDITIONS OF SERVICE**

1. The duration and frequency of interruptions will be determined by the Company. Single stage air conditioners will be cycled on a schedule of 15 minutes on and 15 minutes off in any 30 minute portion of a load management period. Dual stage air conditioners will be allowed to have the first stage run without interruptions while the second stage will be shut off for the entire load management period. Air conditioning interruptions will normally occur on high demand days during summer months. Interruption will normally be based on meeting peak demand and system economic dispatch requirements of Company. However, interruption may also occur at times when, in the Company's opinion, the reliability of the system may be at risk. Air conditioning interruptions will not normally occur during the observation day of the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.
2. Company shall not be liable for any loss or damage caused by or resulting from any interruption
3. To be eligible for this service, customer must agree to allow Company load control for a minimum term of one year.
4. Rider will not be available to customers that have an air conditioning system which significantly exceeds summer cooling requirements, as determined by Company.
5. Company will normally control every air conditioning unit at the customer's building. Customers may nominate certain units to be excluded from the program, but Company retains final authority to approve exclusions. Company may also unilaterally exclude units that will not provide cost-effective load relief.

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(Continued on Sheet No. 80.1)

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Minneapolis, Minnesota 55401

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**COMMERCIAL AND INDUSTRIAL CONTROLLED  
AIR CONDITIONING RIDER (Continued)**

Section No. 5  
2nd Revised Sheet No. 80.1

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**TERMS AND CONDITIONS OF SERVICE (Continued)**

6. Availability is limited to customers located within the operating range of radio control transmitters.
7. Those air conditioning units that the Company is not able to install control equipment on will be excluded.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSA NO. 2**

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**OFF SEASON LOAD RIDER**

Section No. 5  
3rd Revised Sheet No. 81

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**AVAILABILITY**

Available to any General Service customer whose maximum monthly demand occurs during the usage months of April, May, October or November. Typical applications would be agricultural grain drying and handling loads.

**RATE**

The General Service rate provisions apply except the adjusted demands established during the usage months of April, May, October and November are not included in determining the 50% demand ratchet contained in the General Service determination of demand provision.

**TERMS AND CONDITIONS OF SERVICE**

1. The customer's usage months for this Rider must be contained by the following meter reading schedule. The two month fall season begins no earlier than the "N-cycle" meter reading date in mid-September and ends no later than the "M-cycle" meter reading date in mid-December. The two month spring season begins no earlier than the "N-cycle" meter reading date in mid-March and ends no later than the "M-cycle" meter reading date in mid-June.
2. Customer must compensate Company for the costs associated with local distribution facilities required to serve customer load during the months of April, May, October and November, which is in excess of customer's base load during the remaining months.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSO NO. 2**

**STANDBY SERVICE RIDER**

Section No. 5  
 7th Revised Sheet No. 82

**AVAILABILITY**

Applicable to customers that use an alternative generation source with a capacity of 100 kW or more, where the alternative generation serves all or a portion of the customer's electric energy requirements and where customer chooses to use the Company's electric service to serve that load when the alternative generation is either partly or wholly unavailable.

Under this tariff the Company will provide Standby Service in accordance with the provisions of this tariff as well as those of Section 2.4 of the General Rules and Regulations.

**RATE**

	<u>Firm Standby</u>		<u>Non-Firm Standby</u>	C   C
	<u>Unscheduled Maintenance</u>	<u>Scheduled Maintenance</u>		
Customer Charge per Month	\$28.74	\$28.74	\$28.74	
Demand Charge per Month per kW of Contracted Standby Capacity:				
Secondary Voltage Service	\$2.68	\$2.58	\$1.50	
Primary Voltage Service	\$2.08	\$1.98	\$0.90	
Transmission Transformed Voltage Service	\$1.58	\$1.48	\$0.40	
Transmission Voltage Service	\$1.18	\$1.08	\$0.00	

**FUEL COSTS**

Bills subject to the charges provided for in the Fuel Cost Rider.

**SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

**LATE PAYMENT CHARGE**

A 1% late payment charge will be added to the unpaid balance on date due.

(Continued on Sheet No. 5-82.1)

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**STANDBY SERVICE RIDER (Continued)**

Section No. 5  
2nd Revised Sheet No. 82.1

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**TERMS AND CONDITIONS OF SERVICE**

1. Standby Service Rider will apply to any customer who requires 100 kW or more of standby capacity from Company. Standby Service may not be used by a customer to serve controllable load that is subject to interruption as determined by the Company under the Company's controllable service schedules.
2. Customer will execute an electric service agreement with Company which will specify:
  - a. Type of Standby Service elected by the customer and the base tariff that this Rider is attached to and under which demand and energy rates will be selected during months Standby power is used.
  - b. The total Standby capacity requirements for which the Company will be providing Standby power and to which the Standby Service reservation rate applies as well as the expected level of standard service the customer will take, even if the standard service level is expected to be zero,
3. The Company's standard service meter will be detented to measure only the amount of capacity and energy provided by Company to customer.
4. Company will not be obligated to supply Standby Service to back-up a customer's generator at a level in excess of the Standby Capacity for which customer has contracted. This restriction in no way limits the amount of standard service the customer requires from the Company under the standard service tariff to which this Rider is attached. Any limits on standard service are governed by the provisions contained in the standard service tariffs.
5. Customer will be liable for all damages caused by customer's use of power in excess of contracted for capacity.
6. Company will require customer to revise the Electric Service Agreement to contract for additional Standby capacity if the customer exceeds the contract amount in any three of the preceding twelve months.
7. Customer will annually furnish documentation to Company confirming the maximum capacity and reliability of the power source for which customer requires Standby Service. If experience demonstrates that customer's power source is not reasonably reliable, Company may at its discretion, refuse to provide Standby Service.
8. Customer will remain on Standby Service for a period of not less than twelve months.

(Continued on Sheet No. 5-83)

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**STANDBY SERVICE RIDER (Continued)**

Section No. 5  
4th Revised Sheet No. 83

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**ADDITIONAL TERMS AND CONDITIONS OF SERVICE WITH SCHEDULED MAINTENANCE**

1. The optional Scheduled Maintenance rates are available to Standby Service customers who agree to schedule maintenance of their power source during qualifying scheduled maintenance periods.
2. Qualifying Scheduled Maintenance Periods:

Customers with 100 kW to 10 MW of Contracted Standby Capacity

Maintenance must occur at a time within the calendar months of April, May October and November. Customer must provide Company with written notice of scheduled maintenance prior to the beginning of the maintenance period.

Customers with greater than 10 MW of Contracted Standby Capacity

Maintenance must occur at a time period mutually agreed to by Company and customer. These time periods will normally not include those times when Company expects system seasonal peak load conditions to occur, nor at those times when Company is required to use generation or to purchase power with production costs of \$70 or more per MWh. Customer shall provide Company with written notice of scheduled maintenance at least six months prior to the beginning of the maintenance period. Customer shall be allowed changes or additions to this projection upon notice to the Company based on the following schedule:

<u>Outage Length</u>	<u>Required Notice</u>
Less than 48 hours	24 hours
2 days to 30 days	7 days
Over 30 days	90 days

3. The duration of qualifying scheduled maintenance periods may not exceed a total of six weeks in any twelve month period.
4. An additional charge shall apply if customer does not comply with all terms and conditions for qualifying scheduled maintenance periods. The additional charge shall be determined by calculating the additional charges which would have applied if customer were billed on the Unscheduled maintenance Option for the period extending back to the customer's last scheduled maintenance period.
5. The demand charges of the base tariffs shall not apply to use of Standby Service during qualifying scheduled maintenance periods.

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**STANDBY SERVICE RIDER (Continued)**

Section No. 5  
2nd Revised Sheet No. 83.1

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**ADDITIONAL TERMS AND CONDITIONS OF SERVICE FOR NON-FIRM STANDBY OPTION**

1. Non-firm standby rates are available to customers who agree to use Standby Service only by prearrangement with the Company.
2. Company makes no guarantee that Standby Service will be available to Non-Firm Standby Service customers; however, the Company will make reasonable efforts to provide Standby Service whenever possible.
3. Customer must request use of Standby Service and receive approval from the Company prior to actually using Standby Service.
4. Use of Standby Service without prior approval by the Company shall subject the Non-Firm Standby Service customer to the following:
  - a. The monthly demand charges from the base tariff applied to the unapproved Standby Service used in a given month, plus
  - b. Firm Standby Service unscheduled maintenance option reservation fees retroactively applied to the six months prior to the month in which unapproved use of Standby Service occurred.
5. If unapproved use of Standby Service occurs twice in any 12 month period, the Company reserves the right to convert the Non-Firm Standby Service customer to Firm Standby Service.
6. Non-Firm Standby Service customers will remain on Non-Firm Standby Service for a period of not less than five years which includes a one year trial period.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSA NO. 2**

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**ECONOMIC DEVELOPMENT RIDER (CLOSED)**

Section No. 5  
2nd Revised Sheet No. 84

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(Closed to new customers after December 31, 2004.)

**AVAILABILITY**

Available to existing NSP-ND commercial/industrial customers within Company's service territory, and to new commercial/industrial customers considering location to Company's service territory, provided they meet the following qualifications:

1. Projecting new or additional monthly demand of at least 50 kW and new or additional annual energy use of at least 188 MWh. In the case of existing customers, the Rider will apply only to the expanded portion of the total electrical load measured by the increase from billing demands and energy use from the twelve month period prior to application of the Rider for billing purposes.
2. Applicant must have qualified with the local Economic Development Corporation and the Bank of North Dakota for participation in PACE (Partnership in Assisting Community Expansion) loan funding.

**RATE**

Standard service rates and all other provisions apply, except the level of the energy charge(s) will be reduced by an individually negotiated amount. Rate reductions will be individually negotiated and determined by analyzing the minimum rate reduction required for customer attraction or retention. The minimum energy charge for non-Time of Day customers is 1.7¢ per kWh. The minimum energy charges for time of day customers are 1.95¢ per kWh for on-peak energy and 1.47¢ per kWh for off-peak energy.

**TERMS AND CONDITIONS OF SERVICE**

1. Company reserves the right to discontinue availability of this Rider to applicants that have previously signed an electric service agreement for this Rider. Company will exercise this right if it anticipates insufficient system capacity, system energy supply, or service reliability.
2. Customer must execute an electric service agreement with Company which will include:
  - a. The minimum rate under this Rider, which will recover at least the incremental cost of providing service, including the cost of incremental capacity that is to be added while the rate is in effect.
  - b. The size of the load served under this Rider.
  - c. An annual minimum charge to fully recover distribution cost.

(Continued on Sheet No. 5-85)

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**ECONOMIC DEVELOPMENT RIDER (CLOSED)  
(Continued)**

Section No. 5  
2nd Revised Sheet No. 85

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**TERMS AND CONDITIONS OF SERVICE (Continued)**

3. The negotiated energy charge reductions will be decreased according to the differential between the negotiated rates and the standard rates in the tariff used in conjunction with this Rider, as of the effective date of the associated electric service agreement. The rate differentials will be reduced according to the following schedule:

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

The electric service agreements will expire at the end of the fifth year. At that time, negotiated rate differentials will be discontinued.

4. Upon expiration of the electric service agreement, Company will continue service to customer with the tariff used in conjunction with this Rider.
5. Company will file an annual report with the North Dakota Public Service Commission which describes activity associated with the application of this Rider.

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**TRANSMISSION COST RECOVERY RIDER**

Section No. 5  
8th Revised Sheet No. 86

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**APPLICATION**

Applicable to bills for electric service provided under the Company's retail rate schedules.

**RIDER**

There will be included on each customer's monthly bill a Transmission Cost Recovery (TCR) charge for purposes of recovering transmission capital and operating costs not presently reflected in base retail rates. The TCR charge shall be determined by multiplying a customer's monthly billed kWh for electric service by the current TCR rate. The TCR charge shall be calculated prior to the application of any city surcharges and/or sales tax.

**DETERMINATION OF TCR RATE**

The TCR rate is calculated by dividing the forecasted balance of the TCR Tracker Account by the forecasted retail sales. The TCR rate shall be rounded to the nearest \$0.000001 per kWh.

Transmission costs recoverable under this Rider include (i) the annual revenue requirements associated with electric transmission facilities eligible for recovery under NDCC 49.05.04.1, and (ii) federally regulated costs charged to or incurred by the Company to increase regional transmission capacity or reliability. A standardized forecast model will be used to calculate the total revenue requirements for eligible transmission facilities affecting the recovery period. Forecasted retail sales shall be the estimated total retail electric sales for the applicable recovery period.

The TCR rate will be determined annually for each upcoming calendar year recovery period through a TCR rate adjustment application to the North Dakota Public Service Commission.

The TCR rate will apply to monthly billed kWh rendered on and after January 1st of the recovery year. The present TCR rate is:

All Customer Classes \$0.003322 per kWh

C

All approved costs appropriately charged to the TCR Tracker Account shall be eligible for recovery through this Rider, and all revenues recovered through the Rider shall be credited to the TCR Tracker Account.

**TRUE-UP**

For each 12-month period ending December 31, a true-up adjustment to the Tracker Account will be calculated reflecting the difference between actual TCR Rider revenue and the corresponding transmission costs (revenue requirements) for the recovery period. The true-up amount shall be recorded by May 1 of the following calendar year and will be included in the calculation of the TCR rate effective for the next calendar year recovery period.

For example, Year 1 actual Rider revenue will be compared to actual revenue requirements for the same period and the difference recorded as an adjustment to the Tracker Account on or before May 1 of Year 2. This difference would then be included in the calculation of the new TCR rate (application to be filed in Year 2) effective January 1 of Year 3.

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		President, Northern States Power Company, a Minnesota corporation		
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**RENEWABLE ENERGY RIDER**

Section No. 5  
8th Revised Sheet No. 87

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**APPLICATION**

Applicable to qualifying charges for electric service provided under all Company retail rate schedules.

**RENEWABLE ENERGY RIDER**

There will be included on each customer's monthly bill a Renewable Energy Rider ("RER") charge for purposes of recovering capital and operating costs of company-owned renewable energy generation not presently reflected in base retail rates. The RER charge shall be determined by multiplying a customer's monthly billed kWh for electric service by the current RER Rate. The RER charge shall be calculated prior to the application of any city surcharges and/or sales tax.

**DETERMINATION OF RER RATE**

The RER Rate is determined by dividing the annual forecasted RER revenue requirement amount by the annual forecasted kWh sales. The annual forecasted RER revenue requirement is the sum of the RER costs for the forecast period and the carryover balance in the RER Tracker Account from the prior period. The RER Rate will be calculated annually, with the approval of the Commission. The present RER Rate is:

All Classes	\$0.004566 per kWh
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C

All approved costs appropriately charged to the RER Tracker Account are eligible for recovery through this Rider, and all revenues recovered through the Rider are credited to the RER Tracker Account.

**QUALIFYING RENEWABLE ENERGY RIDER COSTS**

Qualifying RER costs include all annual revenue requirements eligible for recovery under N.D.C.C. § 49-02, 49-05 and 49-06. These costs include, but are not limited to, depreciation expense, property taxes, and operation and maintenance expenses related to Company-owned renewable energy project costs and capacity-related renewable energy purchased power costs not currently being recovered in base rates or eligible for recovery through the FCR. Eligible projects (or portions of these projects) must have previously been granted an Advance Determination of Prudence by the Commission.

**TRUE-UP**

For each calendar year the RER is in place, a true-up adjustment to the Tracker Account will be calculated reflecting the difference between actual RER revenue and the actual RER costs (revenue requirements) for the recovery period. The true-up shall be recorded by May 1 of the following calendar year and will be included in the calculation of the RER rate effective for the next calendar year recovery period.

For example, Year 1 actual RER revenue will be compared to the actual RER revenue requirements for the same period and the difference recorded as an adjustment to the Tracker Account on or before May 1 of Year 2. This difference would then be included in the calculation of the new RER Rate to be filed with the Commission later in Year 2, and effective January 1 of Year 3.

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSA NO. 2**

**TIER 1 ENERGY-CONTROLLED SERVICE RIDER  
RATE CODE D22**

Section No. 5  
3rd Revised Sheet No. 88

**AVAILABILITY**

Availability is restricted to customers who are taking service on the Tier 1 option of the Peak-Controlled Time of Day Service.

**RATE**

The rates and provisions of Tier 1 of the Peak-Controlled Time of Day Service schedule shall apply except that the on-peak and off-peak energy charges for secondary voltage are replaced as follows:

Energy Charge per kWh

Firm On-Peak Period Energy	4.256¢	C
Firm Off-Peak Period Energy	2.339¢	C
Controllable On-Peak Period Energy	4.026¢	C
Controllable Off-Peak Period Energy	2.234¢	C
Control Period Energy	10.600¢	

**TERMS AND CONDITIONS OF SERVICE**

1. Failure to Control Charge: Except as provided for under Control Period Energy Service described below, the following charges will apply in any month customer fails to control load to Predetermined Demand Level or fails to control the full amount of their fixed Controllable Demand under the Optional PDL:
  - a. An additional charge of \$10.00 per kW will apply during each Company specified control period to the amount by which customer's Maximum Adjusted Demand exceeds their Predetermined Demand Level, and
  - b. The Control Period Energy charge will apply to the energy used during the control period that is associated with the customer's Controllable Demand.

After three such customer failures to control load to their Predetermined Demand Level, Company reserves the right to increase the Predetermined Demand Level or remove customer from Tier 1 Energy-Controlled Service Rider and apply the cancellation charge specified in customer's Electric Service Agreement.

(Continued on Sheet No. 5-89)

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSR NO. 2**

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**TIER 1 ENERGY CONTROLLED SERVICE RIDER  
(Continued)  
RATE CODE D22**

Section No. 5  
2nd Revised Sheet No. 89

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**TERMS AND CONDITIONS OF SERVICE (Continued)**

2. The duration and frequency of interruption periods shall be at the discretion of Company. Interruption periods will normally occur at such times when:
  - a. Company is required to use generation equipment or to purchase power that results in production costs in excess of \$70 per MWH,
  - b. Company expects a reasonable possibility of system load levels surpassing the level for which NSP has sufficient accredited capacity under the Midwest Reliability Organization (MRO) or any successor organization, including reserve requirements, or
  - c. In Company's opinion, the reliability of the system is endangered.
3. Customer's Electric Service Agreement with Company will include a maximum of 300 hours of interruption per year.
4. All other provisions of Tier 1 of the Peak Controlled Time of Day Service schedule not in conflict with the Tier 1 Energy Controlled Service Rider shall apply.

**CONTROL PERIOD ENERGY SERVICE**

**AVAILABILITY**

Available to Tier 1 Energy Controlled Service Rider customers for supply of Controllable Demand related energy during control periods. The Control Period Energy charge will apply when the Company is required to use generation equipment or to purchase power that results in production costs in excess of \$70 per MWh. Control Period Energy Service will not be available when Company expects system peak load conditions or during system emergencies.

In addition, customer bills under this rate are subject to the following adjustments and/or charges.

**RATE**

The control period energy charge will apply to all Controllable Demand related energy used during the control period.

**TERMS AND CONDITIONS OF SERVICE**

1. Control Period Energy Service will be available provided such service will not adversely affect firm service to any customer.
2. Company reserves the right to refuse or control the supply of Control Period Energy Service if its capacity is not adequate to furnish such service.

(Continued on Sheet No. 5-90)

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Northern States Power Company, a Minnesota corporation  
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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**TIER 1 ENERGY CONTROLLED SERVICE RIDER  
(Continued)  
RATE CODE D22**

Section No. 5  
2nd Revised Sheet No. 90

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**TERMS AND CONDITIONS OF SERVICE (Continued)**

3. All other provisions of the Tier 1 Energy Controlled Service Rider not in conflict with Control Period Energy Service shall apply.
4. Company notice of commencement of control period will include notice of availability of Control Period Energy Service.

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**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**INTERIM RATE SURCHARGE RIDER**

Section No. 5  
3rd Revised Sheet No. 91

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**CANCELED**

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		President and CEO of Northern States Power Company, a Minnesota corporation		
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