

**RESIDENTIAL SERVICE**  
**RATE CODE E01, E03**

Section No. 5  
 1st Revised Sheet No. 1  
 Cancelling Original Sheet No. 1

**AVAILABILITY**

Available to any residential customer for domestic purposes only, in a single private residence.

**RATE**

Customer Charge per Month – Overhead (E01)		\$7.50		TI
– Underground (E03)		\$9.50		TLI
Energy Charge per kWh	First 1,000 kWh per Month		Excess kWh per Month	
June - September	\$0.06931		\$0.06931	R
Other Months				
Without Electric Space Heating	\$0.05731		\$0.05222	R
Electric Space Heating	\$0.05731		\$0.03751	R

**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

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**MONTHLY MINIMUM CHARGE**

Customer Charge.

**SURCHARGE**

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

**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

**OTHER PROVISIONS**

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

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

**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

**RESIDENTIAL TIME OF DAY SERVICE  
RATE CODE E02, E04**

Section No. 5  
3rd Revised Sheet No. 2  
Cancelling 2nd Revised Sheet No. 2

**AVAILABILITY**

Available to any residential customer for domestic purposes only, in a single private residence.

**RATE**

Customer Charge per Month

Overhead (E02) \$9.50

Underground (E04) \$11.50

On Peak Period Energy Charge per kWh

June - September \$0.15315

Other Months

Without Electric Space Heating \$0.11767

Electric Space Heating \$0.10527

Off Peak Period Energy Charge per kWh \$0.01920

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**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

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**MONTHLY MINIMUM CHARGE**

Customer Charge.

**SURCHARGE**

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

**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

**OTHER PROVISIONS**

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

**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.

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(Continued on Sheet No. 5-3)

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**RESIDENTIAL TIME OF DAY SERVICE (Continued)**  
**RATE CODE E02**

Section No. 5  
1st Revised Sheet No. 3  
Cancelling Original Sheet No. 3

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**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.

**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.
2. This schedule is also subject to provisions contained in Rules for Application of Residential Rates.
3. Standby and Supplementary Service is available under this rate subject to the provisions of the General Rules and Regulations and as provided for elsewhere in this rate.

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**RESIDENTIAL SERVICE - UNDERGROUND**  
**RATE CODE E03**

Section No. 5  
1st Revised Sheet No. 4  
Cancelling Original Sheet No. 4

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**CANCELLED**

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**RESIDENTIAL TIME OF DAY SERVICE - UNDERGROUND  
RATE CODE E04**

Section No. 5  
3rd Revised Sheet No. 5  
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**CANCELLED**

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(Continued on Sheet No. 5-6)

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**RESIDENTIAL TIME OF DAY SERVICE -  
UNDERGROUND (Continued)  
RATE CODE E04**

Section No. 5  
1st Revised Sheet No. 6  
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**CANCELLED**

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**ENERGY CONTROLLED SERVICE  
 (NON-DEMAND METERED)  
 RATE CODE E10**

Section No. 5  
 1st Revised Sheet No. 7  
 Cancelling Original Sheet No. 7

**AVAILABILITY**

Available to residential and commercial customers with permanently connected interruptible loads of 10 kW to 50 kW, which would be under Company control. The types of loads served would include dual fuel, storage space heating, water heating, and other loads subject to Company approval.

**RATE**

	<u>Residential</u>	<u>Commercial &amp; Industrial</u>	
Customer Charge per Month	\$2.80	\$2.80	T I
Energy Charge per kWh			
Standard	\$0.03000	\$0.03000	R
Optional			
June - September	\$0.06931	\$0.06401	IR
Other Months	\$0.03000	\$0.03000	R

**OPTIONAL ENERGY CHARGE**

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

**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

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**SURCHARGE**

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

**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

**TERMS AND CONDITIONS OF SERVICE**

1. The controllable 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, and any alternate fuel related equipment 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 oil-fired generation equipment or to purchase power that results in equivalent production cost,
  - b. When Company expects to incur a new system peak, or
  - c. At such times when, in Company's opinion, the reliability of the system is endangered.

(Continued on Sheet No. 5-8)

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**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**ENERGY CONTROLLED SERVICE  
(NON-DEMAND METERED) (Continued)  
RATE CODE E10**

Section No. 5  
Original Sheet No. 8  
Relocated from SDPUC No. 1 Sheet No. 3-6.1

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

3. Customer selecting Energy Controlled Service (Non-Demand Metered) must remain on this service for a minimum term of one year.
4. 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 space heating in dual fuel installations. Customer must be prepared to supply up to 30% of the annual heating needs during any heating season from alternative fuel.
6. 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. 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.
7. Company will keep this service available for a minimum of five years.

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**RESIDENTIAL HEAT PUMP SERVICE  
(TWO METER RATE)  
RATE CODE E06**

Section No. 5  
1st Revised Sheet No. 9  
Cancelling Original Sheet No. 9

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**AVAILABILITY**

Available to residential customers with air source or ground source heat pumps. This rate is for residences with separately metered heat pumps. Electric space and water heaters, air handling equipment, and circulating pumps may be served by this rate with prior Company approval. This meter will have a direct load control device that is controlled by the Company.

**RATE**

Customer Charge per Month	\$2.80	I
Energy Charge per kWh		
June - September	\$0.05461	R
Other Months	\$0.03471	R

**FUEL CLAUSE**

Bills are subject to the adjustment provided for in the Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

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**SURCHARGE**

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

**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

**TERMS AND CONDITIONS OF SERVICE**

1. The Heat Pump Service shall be permanently wired, separately served and metered, and at no time connected to facilities servicing other customer loads without prior approval from the Company. Customer must provide two meter sockets as specified by the Company. The Company will provide both meters and the direct load control device.
2. The duration and frequency of interruptions will be determined by the Company. The direct load control device will be cycled on a schedule of 15 minutes on and 15 minutes off normally for six hours with a maximum of eight hours per day. Interruptions will normally occur on high demand weekdays during summer months. Interruptions may occur at times when, in the Company's opinion, the reliability of the system is endangered.

(Continued on Sheet No. 5-10)

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Minneapolis, Minnesota 55401

**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**RESIDENTIAL HEAT PUMP SERVICE  
(TWO METER RATE) (Continued)  
RATE CODE E06**

Section No. 5  
Original Sheet No. 10  
Relocated from SDPUC No. 1 Sheet No. 3-6.2

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

3. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.
4. In conjunction with this rate, the non-heat pump meter will be placed on the Controlled Air Conditioning and Water Heating Rider. The summer heat pump energy charge is equivalent to the Residential Service rate less the discount received under the Controlled Air Conditioning and Water Heating Rider for residential central air conditioning.
5. Customers selecting Residential Heat Pump Service (Two Meter Rate) must remain on this service for a minimum of one year.
6. Company will keep this service available for a minimum of five years.
7. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditures for facilities necessary to serve this load which would not otherwise be required to serve customer's load.

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Minneapolis, Minnesota 55401

**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**LIMITED OFF PEAK SERVICE  
RATE CODE E11**

Section No. 5  
3rd Revised Sheet No. 11  
Cancelling 2nd Revised Sheet No. 11

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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	\$2.80
Three Phase	\$4.70
Primary Voltage	\$25.00

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Energy Charge per kWh

Secondary Voltage	\$0.01720
Primary Voltage	\$0.01640

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**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

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**MONTHLY MINIMUM CHARGE**

Secondary Voltage	
Single Phase	\$7.00
Three Phase	\$11.00
Primary Voltage	\$60.00

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**SURCHARGE**

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

**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

(Continued on Sheet No. 5-12)

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**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**LIMITED OFF PEAK SERVICE (Continued)**  
**RATE CODE E11**

Section No. 5  
Original Sheet No. 12  
Relocated from SDPUC No. 1 Sheet No. 3-6.3

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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 \$0.20 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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**RULES FOR APPLICATION OF RESIDENTIAL RATES**

Section No. 5  
1st Revised Sheet No. 13  
Cancelling Original Sheet No. 13

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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 Service (Non-Demand Metered), Residential Heat Pump Service (Two Meter Rate), Limited Off Peak Service, and Automatic Protective Lighting Service rate schedules are also available to qualifying residential customers. D
  
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. D
  
3. Electric space heating charges are applicable only when customer's electric space heating equipment is used as customer's primary heating source.
  
4. Residential underground charges will apply where the underground facilities are owned by Company and Company has not been fully reimbursed for the added cost of such underground facilities. DT
  
5. Standby and Supplementary Service is available for any residential customer subject to the provisions in the General Rules and Regulations.
  
6. 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.
  
7. Every building or portion of building used for residential purposes constructed or materially changed after November 23, 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.

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**AUTOMATIC PROTECTIVE LIGHTING SERVICE**  
**RATE CODE E12**

Section No. 5  
 1st Revised Sheet No. 14  
 Cancelling Original Sheet No. 14

**AVAILABILITY**

Available to all types of customers except for municipal street lighting purposes.

**RATE**

<u>Designation of Lamp</u>	<u>Monthly Rate Per Unit</u>	
<b>Area Units</b>		
100W High Pressure Sodium	\$6.53	I
175W Mercury (1)	\$6.19	R
250W High Pressure Sodium	\$12.16	R
400W Mercury (1)	\$11.54	R
<b>Directional Units</b>		
250W High Pressure Sodium	\$13.66	R
400W Mercury (1)	\$13.39	R
400W High Pressure Sodium	\$17.80	R D

(1) Available to existing installations only.

**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

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**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

**SERVICE INCLUDED IN RATE**

Company shall own, operate, and maintain the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets, and all necessary wiring. Company shall furnish all electric energy required for operation of the unit.

(Continued on Sheet No. 5-15)

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Minneapolis, Minnesota 55401

**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**AUTOMATIC PROTECTIVE LIGHTING SERVICE**  
**(Continued)**  
**RATE CODE E12**

Section No. 5  
Original Sheet No. 15  
Relocated from SDPUC No. 1 Sheet No. 3-20

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**SPECIAL TERMS AND CONDITIONS**

1. Service available subject to the provisions for Automatic Protective Lighting Service of the General Rules and Regulations.
2. The lamp shall be lighted and extinguished by a photoelectric control furnished by the Company. The hours of burning shall be from approximately one-half hour after sunset until one-half hour before sunrise, every night.
3. If illumination of a lamp is interrupted and said illumination is not resumed within 72 hours from the time Company receives notice thereof from customer, one-thirtieth of the monthly compensation for such unit shall be deducted for each night of non-illumination after such notice is received.
4. Company reserves the right to discontinue service if equipment is abused.
5. Company will convert mercury vapor lighting units to high pressure sodium upon failure of the mercury vapor ballast.

**TERM OF AGREEMENT**

Agreement shall be for a term of three years. If not then terminated by at least 30 days' written notice by either party, the agreement shall continue until so terminated.

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**SMALL GENERAL SERVICE  
RATE CODE E13**

Section No. 5  
1st Revised Sheet No. 21  
Cancelling Original 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**

	<u>Oct-May</u>	<u>Jun-Sep</u>
Customer Charge per Month	\$8.20	\$8.20
Energy Charge per kWh	\$0.05201	\$0.06401

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**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

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**MONTHLY MINIMUM CHARGE**

Customer Charge.

**SURCHARGE**

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

**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

**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,
  - b. Customer is served single phase and has a service entrance capacity greater than 200 amperes,
  - c. Customer is served three phase at 120/208 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 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 with 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.

(Continued on Sheet No. 5-22)

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**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**SMALL GENERAL SERVICE (Continued)**  
**RATE CODE E13**

Section No. 5  
Original Sheet No. 22  
Relocated from SDPUC No. 1 Sheet No. 3-24

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

If the customer only occasionally exceeds the 25 kW demand limit, they may remain on the Small General Service schedule with Company approval. Company approval requires that the customer can demonstrate that load requirements do not exceed 25 kW during NSP system peaks. NSP system peaks typically occur on hot, humid weekdays during June through September. Customers using this provision, which have central air conditioning, must agree to the terms of the Company's Controlled Air Conditioning and Water Heating Rider.

2. Standby and Supplementary Service is available for any Small General Service customer subject to the provisions in the General Rules and Regulations.

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**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

**SMALL GENERAL TIME OF DAY SERVICE  
 RATE CODE E14 (METERED) AND  
 RATE CODE E18 (UNMETERED)**

Section No. 5  
 4th Revised Sheet No. 23  
 Cancelling 3rd Revised Sheet No. 23

**AVAILABILITY**

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

**RATE**

	<u>Oct-May</u>	<u>Jun-Sep</u>	
Customer Charge per Month			
Metered Time of Day	\$10.20	\$10.20	I
Metered Non-Time of Day	\$8.20	\$8.20	I
Unmetered Continuous 24 Hour Use	\$6.50	\$6.50	I
Low Wattage Use, 100 W or Less	\$0.26	\$0.26	I
Low Wattage Use, From 100 W to 400 W	\$1.08	\$1.08	I
Energy Charge per kWh			
On Peak Period Energy	\$0.09192	\$0.11788	I
Off Peak Period Energy	\$0.01770	\$0.01770	R
Continuous 24 Hour Energy	\$0.04368	\$0.05276	R

**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery 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 late payment charge of 1% of the unpaid balance will be added to the next month's bill after the 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. The on peak period occurs 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. 5-24)

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**SMALL GENERAL TIME OF DAY SERVICE (Continued)  
RATE CODE E14 (METERED) AND  
RATE CODE E18 (UNMETERED)**

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Section No. 5  
1<sup>st</sup> Revised Sheet No. 24

**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,
  - b. Customer is served single phase and has a service entrance capacity greater than 200 amperes,
  - c. Customer is served three phase at 120/208 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 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 with 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.

If the customer only occasionally exceeds the 25 kW demand limit, they may remain on the Small General Time of Day Service schedule with Company approval. Company approval requires that the customer can demonstrate that load requirements do not exceed 25 kW during NSP system peaks. NSP system peaks typically occur on hot, humid weekdays during June through September. Customers using this provision, which have central air conditioning, must agree to the terms of the Company's Controlled Air Conditioning and Water Heating Rider.

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

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(Continued on Sheet No. 5-24.1)

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Date Filed: 09-21-2000

By: Michael L. Swenson  
State Vice President, North Dakota & South Dakota

Effective Date: 01-10-2001

Docket No. EL-00-027

Order Date: 01-10-2001

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**SMALL GENERAL TIME OF DAY SERVICE (Continued)**  
**RATE CODE E14 (METERED) AND**  
**RATE CODE E18 (UNMETERED)**

Section No. 5  
1st Revised Sheet No. 24.1  
Cancelling Original Sheet No. 24.1

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

4. Optional Metering Service: Optional metering is available 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 monthly customer charge for each location is \$8.20
- b. Unmetered Service: For applications where no metering is installed, the monthly customer charge for each location is \$6.50. 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.
- c. Low Wattage Unmetered Service: For applications where customer owns and operates multiple electronic devices in at least 200 locations within Company's South 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 \$0.26 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 \$1.08 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.

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 Continuous 24 Hour 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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Date Filed:	06-30-09	By: Judy M. Pofert	Effective Date:	01-18-10
		President and CEO of Northern States Power Company, a Minnesota corporation		
Docket No.	EL09-009		Order Date:	01-12-10

**GENERAL SERVICE  
 RATE CODE E15**

Section No. 5  
 1st Revised Sheet No. 25  
 Cancelling Original Sheet No. 25

**AVAILABILITY**

Available to any non-residential customer for general service except customers with connected load greater than 100 kW and who provide more than 25% of total energy requirements with own generation facilities, must take service through the General Time of Day Service rate.

**RATE**

Customer Charge per Month		\$18.00		I
Service at Secondary Voltage				
	<u>Oct-May</u>		<u>Jun-Sep</u>	
Demand Charge per Month per kW	\$6.86		\$9.86	I
Energy Charge per kWh		\$0.02383		R
Energy Charge Credit per Month per kWh				
All kWh in Excess of 360 Hours Times the Billing Demand		\$0.0065		I
		<u>January - December</u>		
Voltage Discounts per Month	<u>Per kW</u>		<u>Per kWh</u>	
Primary Voltage	\$0.80		\$0.0008	I
Transmission Transformed Voltage	\$1.50		\$0.0014	I
Transmission Voltage	\$2.00		\$0.0020	RI

**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

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**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

**DETERMINATION OF DEMAND**

The adjusted demand in kW for billing purposes shall be determined by dividing the maximum actual demand in kW 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. 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 75 hours per month.

(Continued on Sheet No. 5-26)

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**GENERAL SERVICE (Continued)**  
**RATE CODE E15**

Section No. 5  
 Original Sheet No. 26  
 Relocated from SDPUC No. 1 Sheet No. 3-37 &  
 3-38

**MAXIMUM DEMAND**

The maximum actual demand in kW shall be the greatest 15 minute average load during the period for which bill is rendered.

**POWER FACTOR**

For three phase customers with services above 200 amperes or above 480 volts, 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.

**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 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 voltage:
  - 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.

(Continued on Sheet No. 5-27)

Date Filed: 10-15-96

By: Michael J. Hanson  
 General Manager & Chief Executive  
 NSP - South Dakota

Effective Date: 12-16-96

Docket No. EL96-025

Order Date: 12-16-96



Northern States Power Company  
Minneapolis, Minnesota 55401

**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**GENERAL SERVICE (Continued)**  
**RATE CODE E15**

Section No. 5  
Original Sheet No. 27  
Relocated from SDPUC No. 1 Sheet No. 3-38

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**TERMS AND CONDITIONS OF SERVICE**

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 12 months.
5. If a customer has a billing demand of less than 25 kW for 12 consecutive months, customer will be given the option of returning to the Small General Service schedule.

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Date Filed: 10-15-96

By: Michael J. Hanson  
General Manager & Chief Executive  
NSP - South Dakota

Effective Date: 12-16-96

Docket No. EL96-025

Order Date: 12-16-96

**GENERAL TIME OF DAY SERVICE  
 RATE CODE E16**

Section No. 5  
 1st Revised Sheet No. 28  
 Cancelling Original Sheet No. 28

**AVAILABILITY**

Available to any non-residential customer for general service.

**RATE**

Customer Charge per Month		\$21.00		I
Service at Secondary Voltage	<u>Oct-May</u>		<u>Jun-Sep</u>	
Demand Charge per Month per kW				
On Peak Period Demand	\$6.86		\$9.86	I
Off Peak Period Demand in Excess of On Peak Period Demand	\$2.00		\$2.00	R
Energy Charge per kWh				
On Peak Period Energy		\$0.03030		R
Off Peak Period Energy		\$0.01894		R
Energy Charge Credit per Month per kWh				
All kWh in Excess of 360 Hours Times the On Peak Period Billing Demand, Not to Exceed 50% of Total kWh		\$0.0065		I
		<u>January - December</u>		
Voltage Discounts per Month	<u>Per kW</u>		<u>Per kWh</u>	
Primary Voltage	\$0.80		\$0.0008	I
Transmission Transformed Voltage	\$1.50		\$0.0014	I
Transmission Voltage	\$2.00		\$0.0020	RI

**FUEL CLAUSE**

Bills subject to the adjustment provided for in the Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

(Continued on Sheet No. 5-29)

Date Filed:	06-30-09	By: Judy M. Pofert	Effective Date:	01-18-10
		President and CEO of Northern States Power Company, a Minnesota corporation		
Docket No.	EL09-009		Order Date:	01-12-10

**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**GENERAL TIME OF DAY SERVICE (Continued)**  
**RATE CODE E16**

Section No. 5  
2nd Revised Sheet No. 29  
Canceling 1st Revised Sheet No. 29

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**DEFINITION OF PEAK PERIODS**

The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. The on peak period occurs 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.

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**DETERMINATION OF ON PEAK PERIOD DEMAND**

The actual on peak period demand in kW shall be the greatest 15 minute average load for the on peak period during the period for which the bill is rendered. The adjusted on peak period demand in kW for billing purposes shall be determined by dividing the actual on peak period 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 billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 75 hours per month.

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

The actual off peak period demand in kW shall be the greatest 15 minute average load for the off peak period during the period for which the bill is rendered rounded to the nearest whole kW.

The off peak period demand in excess of on peak period demand in kW 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 volts, 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.

**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 on peak period billing demand shall not be less than provided above.

(Continued on Sheet No. 5-30)

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Date Filed:	10-28-08	By: David M. Sparby	Effective Date:	10-30-08
		President and CEO of Northern States Power Company, a Minnesota corporation		
Docket No.	EL08-029		Order Date:	11-13-08



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**GENERAL TIME OF DAY SERVICE (Continued)**  
**RATE CODE E16**

Section No. 5  
Original Sheet No. 30  
Relocated from SDPUC No. 1 Sheet No. 3-39.1

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**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 voltage:
  - 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.
2. Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.
3. 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.
4. 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).
5. Customer selecting the above time of day rate schedule will remain on this rate for a period of not less than 12 months.
6. If a customer has a billing demand of less than 25 kW for 12 consecutive months, the customer will be given the option of returning to the Small General Time of Day Service schedule.

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Date Filed: 10-15-96

By: Michael J. Hanson  
General Manager & Chief Executive  
NSP - South Dakota

Effective Date: 12-16-96

Docket No. EL96-025

Order Date: 12-16-96

**PEAK CONTROLLED SERVICE**  
**RATE CODE E20**

Section No. 5  
 1st Revised Sheet No. 31  
 Cancelling Original Sheet No. 31

**AVAILABILITY**

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

**RATE**

Customer Charge per Month					\$45.00	I
		<u>Firm Demand</u>		<u>Controllable Demand</u>		
Service at Secondary Voltage		<u>Oct-May</u>	<u>Jun-Sep</u>	<u>Oct-May</u>	<u>Jun-Sep</u>	
Demand Charge per Month per kW		\$6.86	\$9.86	\$4.74	\$4.74	I D R
Energy Charge per kWh					\$0.02383	R
Energy Charge Credit per Month per kWh						
All kWh in Excess of 360 Hours Times the Sum of All Billing Demands					\$0.0065	I
		<u>January - December</u>				
Voltage Discounts per Month		<u>Per kW</u>		<u>Per kWh</u>		
Primary Voltage		\$0.80		\$0.0008		I
Transmission Transformed Voltage		\$1.50		\$0.0014		I
Transmission Voltage		\$2.00		\$0.0020		RI

**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

(Continued on Sheet No. 5-32)

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**PEAK CONTROLLED SERVICE (Continued)**  
**RATE CODE E20**

Section No. 5  
1st Revised Sheet No. 32  
Cancelling Original Sheet No. 32

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**DETERMINATION OF DEMAND**

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

Adjusted Demand in kW for billing purposes shall be determined by dividing the maximum actual demand in kW 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 PDL will be the monthly adjusted on peak demand less the fixed load reduction. The PDL in months without a control period will not be less than the greatest PDL of all months with a control period during the preceding 11 months.

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.

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 shall not be less than the current month's adjusted 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 \$47.00 per kW times the predetermined demand, plus \$28.00 per kW times the expected maximum controllable demand.

(Continued on Sheet No. 5-33)

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Date Filed:	06-30-09	By: Judy M. Pofert	Effective Date:	01-18-10
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Docket No.	EL09-009		Order Date:	01-12-10



Northern States Power Company  
Minneapolis, Minnesota 55401

**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**PEAK CONTROLLED SERVICE (Continued)**  
**RATE CODE E20**

Section No. 5  
Original Sheet No. 33  
Relocated from SDPUC No. 1 Sheet No. 3-40.2

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**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 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).

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By: Michael J. Hanson  
General Manager & Chief Executive  
NSP - South Dakota

Effective Date: 12-16-96

Docket No. EL96-025

Order Date: 12-16-96

**PEAK CONTROLLED TIME OF DAY SERVICE  
 RATE CODE E21**

Section No. 5  
 1st Revised Sheet No. 34  
 Cancelling Original Sheet No. 34

**AVAILABILITY**

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

**RATE**

Customer Charge per Month						\$45.00		I		
Service at Secondary Voltage										
Demand Charge per Month per kW										
On Peak Period Demand						\$6.86	\$9.86	\$4.74	\$4.74	I
Off Peak Period Demand in Excess of On Peak Period Demand						\$2.00	\$2.00	\$2.00	\$2.00	D R
Energy Charge per kWh										
On Peak Period Energy								\$0.03030		R
Off Peak Period Energy								\$0.01894		R
Energy Charge Credit per Month per kWh										
All kWh in Excess of 360 Hours Times the Sum of All On Peak Period Billing Demands, Not to Exceed 50% of Total kWh								\$0.0065		I
Voltage Discounts per Month										
Primary Voltage								\$0.80	\$0.0008	I
Transmission Transformed Voltage								\$1.50	\$0.0014	I
Transmission Voltage								\$2.00	\$0.0020	RI

(Continued on Sheet No. 5-35)

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

**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**PEAK CONTROLLED TIME OF DAY SERVICE**

**(Continued)**

**RATE CODE E21**

Section No. 5  
3rd Revised Sheet No. 35  
Cancelling 2nd Revised Sheet No. 35

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**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

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N  
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**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the 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. The on peak hours occurs 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.

**DETERMINATION OF DEMAND**

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

Adjusted On Peak Period Demand in kW 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.

Actual Off Peak Period Demand in kW 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 kW 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.

(Continued on Sheet No. 5-36)

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		President and CEO of Northern States Power Company, a Minnesota corporation		
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**PEAK CONTROLLED TIME OF DAY SERVICE**  
**(Continued)**  
**RATE CODE E21**

Section No. 5  
1st Revised Sheet No. 36  
Cancelling Original Sheet No. 36

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**DETERMINATION OF DEMAND (Continued)**

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 PDL will be the monthly adjusted on peak demand less the fixed load reduction. The PDL in months without a control period will not be less than the greatest PDL of all months with a control period during the preceding 11 months.

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.

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 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 \$47.00 per kW times the predetermined demand, plus \$28.00 per kW times the expected contracted maximum controllable demand.

**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. 5-37)

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Date Filed: 06-30-09 By: Judy M. Pofert Effective Date: 01-18-10  
President and CEO of Northern States Power Company, a Minnesota corporation  
Docket No. EL09-009 Order Date: 01-12-10



Northern States Power Company  
Minneapolis, Minnesota 55401

**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**PEAK CONTROLLED TIME OF DAY SERVICE (Continued)**  
**RATE CODE E21**

Section No. 5  
Original Sheet No. 37  
Relocated from SDPUC No. 1 Sheet No. 3-40.5

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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 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).

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Date Filed: 10-15-96

By: Michael J. Hanson  
General Manager & Chief Executive  
NSP - South Dakota

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**RULES FOR APPLICATION OF  
 PEAK CONTROLLED SERVICE**

Section No. 5  
 Original Sheet No. 38  
 Relocated from SDPUC No. 1 Sheet No. 3-41

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, and
  - 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 \$8.00 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. 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:
  - 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, which may be revised subject to approval by Company,
  - c. An annual minimum demand charge,
  - d. Minimum average monthly demand charge differential,
  - e. Maximum annual hours of interruption (80 hours),
  - f. Cancellation charge terms, and
  - g. Control period notice.

(Continued on Sheet No. 5-39)

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**RULES FOR APPLICATION OF  
PEAK CONTROLLED SERVICE (Continued)**

Section No. 5  
1st Revised Sheet No. 39  
Cancelling Original Sheet No. 39

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8. 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 \$12.00 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.

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**ENERGY CONTROLLED SERVICE**  
**RATE CODE E22**

Section No. 5  
 1st Revised Sheet No. 40  
 Cancelling Original Sheet No. 40

**AVAILABILITY**

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

**RATE**

Customer Charge per Month					\$45.00	I
		<u>Firm Demand</u>		<u>Controllable Demand</u>		
Service at Secondary Voltage		<u>Oct-May</u>	<u>Jun-Sep</u>	<u>Oct-May</u>	<u>Jun-Sep</u>	
Demand Charge per Month per kW						
On Peak Period Demand		\$6.86	\$9.86	\$4.53	\$4.53	I
Off Peak Period Demand in Excess of On Peak Period Demand		\$2.00	\$2.00	\$2.00	\$2.00	R
Energy Charge per kWh						
On Peak Period Energy		\$0.03030		\$0.02580		R
Off Peak Period Energy		\$0.01894		\$0.01699		R
Control Period Energy		--		\$0.08000		R
Energy Charge Credit per Month per kWh						
All kWh in Excess of 360 Hours Times the Sum of All On Peak Period Billing Demands, Not to Exceed 50% of Total kWh					\$0.0065	I
Voltage Discounts per Month		<u>January - December</u>				
		<u>Per kW</u>		<u>Per kWh</u>		
Primary Voltage		\$0.80		\$0.0008		I
Transmission Transformed Voltage		\$1.50		\$0.0014		I
Transmission Voltage		\$2.00		\$0.0020		RI

(Continued on Sheet No. 5-41)

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**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**ENERGY CONTROLLED SERVICE (Continued)**  
**RATE CODE E22**

Section No. 5  
3rd Revised Sheet No. 41  
Cancelling 2nd Revised Sheet No. 41

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**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

N  
N  
N

**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the 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. The on peak period occurs 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.

**DETERMINATION OF DEMAND**

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

Adjusted On Peak Period Demand in kW 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.

Actual Off Peak Period Demand in kW 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 kW 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.

(Continued on Sheet No. 5-42)

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**ENERGY CONTROLLED SERVICE (Continued)**  
**RATE CODE E22**

Section No. 5  
1st Revised Sheet No. 42  
Cancelling Original Sheet No. 42

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**DETERMINATION OF DEMAND (Continued)**

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.

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 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 \$47.00 per kW times the predetermined demand, plus \$27.00 per kW times the expected maximum controllable demand.

**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.

(Continued on Sheet No. 5-43)

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**ENERGY CONTROLLED SERVICE (Continued)**  
**RATE CODE E22**

Section No. 5  
 Original Sheet No. 43  
 Relocated from SDPUC No. 1 Sheet No. 3-43.2

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

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 has the responsibility of controlling own load to predetermined demand level.
5. Customer must allow Company to inspect and approve the load control installation and equipment provided by customer.
6. 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, or
  - c. Provide a continuous 120 volt AC power source at the connection point for operation of the Company remote breaker indication equipment.
7. 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.
8. Failure to Control Charge: 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 the emergency service energy charge to the energy used during the control period which is associated with the customers 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 Energy Controlled Service and apply the cancellation charge specified in customer's Electric Service Agreement.
9. The duration and frequency of interruption periods shall be at the discretion of Company. Interruption periods will normally occur at such times:
  - a. When Company is required to use oil-fired generation equipment or to purchase power that results in equivalent production cost,
  - b. When Company expects system peak load conditions, or
  - c. At such other times when, in Company's opinion, the reliability of the system is endangered.

(Continued on Sheet No. 5-44)

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**ENERGY CONTROLLED SERVICE (Continued)**  
**RATE CODE E22**

Section No. 5  
 Original Sheet No. 44  
 Relocated from SDPUC No. 1 Sheet No. 3-43.3

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

10. Customer shall execute an Electric Service Agreement with Company which will include:
  - 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, which may be revised subject to approval by Company,
  - c. An annual minimum demand charge,
  - d. Minimum average monthly demand charge differential,
  - e. Maximum annual hours of interruption (300 hours),
  - f. Cancellation charge terms, and
  - g. Control period notice.
  
11. Minimum controllable demand during the Company's peak season shall be 50 kW.
  
12. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.
  
13. 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.
  
14. Company will maintain firm demand charge rates for Energy Controlled Service at the General Time of Day Service level.
  
15. 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.
  
16. Any load served by customer generation during Company requested control periods must be served by Company at all other times.

(Continued on Sheet No. 5-45)

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Northern States Power Company  
Minneapolis, Minnesota 55401

**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**ENERGY CONTROLLED SERVICE (Continued)**  
**RATE CODE E22**

Section No. 5  
Original Sheet No. 45  
Relocated from SDPUC No. 1 Sheet No. 3-43.3

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**CONTROL PERIOD ENERGY SERVICE**

**AVAILABILITY**

Available to Energy Controlled Service 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 oil-fired generation equipment or to purchase power that results in equivalent production costs. Control Period Energy Service will not be available when Company expects system peak load conditions or during system emergencies.

**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.
3. All other provisions of the Energy Controlled Service rate schedule 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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**STREET LIGHTING SERVICE  
 (LEASED EQUIPMENT)  
 RATE CODE E30**

Section No. 5  
 1st Revised Sheet No. 56  
 Cancelling Original Sheet No. 56

**AVAILABILITY**

Available for year-round illumination of public streets, parkways, and highways by electric lamps in luminaires supported on poles, where the facilities for this service are furnished by Company. Underground service under this schedule is limited to areas having a Company owned underground electric distribution system.

**RATE**

Designation of Lamp	Monthly Rate per Luminaire			
	Overhead	Underground	Decorative Underground	
100W High Pressure Sodium	\$10.76	\$17.21	\$21.95	I
150W High Pressure Sodium	\$12.30	\$18.88	\$23.06	I
250W High Pressure Sodium	\$15.77	\$22.64	\$29.05	I
400W High Pressure Sodium	\$19.32	--	--	I

**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

N  
 N  
 N

**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

**OTHER PROVISIONS**

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

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 President and CEO of Northern States Power Company, a Minnesota corporation  
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**STREET LIGHTING SERVICE  
 (PURCHASED EQUIPMENT)  
 RATE CODE E31**

Section No. 5  
 1st Revised Sheet No. 57  
 Cancelling Original Sheet No. 57

**AVAILABILITY**

Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns an ornamental street lighting system complete with standards, luminaires with globes, lamps, photocells, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's facilities as designated by Company.

**RATE**

GROUP I

<u>Designation of Lamp</u>	<u>Monthly Rate per Luminaire - AN</u>	
175W Mercury	\$4.44	I
400W Mercury	\$8.33	I
70W High Pressure Sodium	\$3.37	R
100W High Pressure Sodium	\$3.78	R
150W High Pressure Sodium	\$4.57	R
250W High Pressure Sodium	\$6.56	R
400W High Pressure Sodium	\$9.22	R
1,000W High Pressure Sodium	\$19.56	R D

(Continued on Sheet No. 5-58)

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**STREET LIGHTING SERVICE  
 (PURCHASED EQUIPMENT) (Continued)  
 RATE CODE E31**

Section No. 5  
 1st Revised Sheet No. 58  
 Cancelling Original Sheet No. 58

**RATE (Continued)**

GROUP IV

<u>Designation of Lamp</u>	<u>Monthly Rate per Luminaire - AN</u>	
175W Mercury	\$3.26	I
70W High Pressure Sodium	\$1.47	I
100W High Pressure Sodium	\$1.87	I
150W High Pressure Sodium	\$2.80	
250W High Pressure Sodium	\$4.76	R
400W High Pressure Sodium	\$7.37	R
Metered Ornamental net per kWh (1)	\$0.04832	R

(1) Available to existing installations only

**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

N  
 N  
 N

**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

**OTHER PROVISIONS**

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

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**STREET LIGHTING SERVICE - METERED  
(PURCHASED EQUIPMENT)  
RATE CODE E32**

Section No. 5  
1st Revised Sheet No. 59  
Cancelling Original Sheet No. 59

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**AVAILABILITY**

Available for year-round illumination of public streets, parkways, and highways by uncommon electric lamps mounted on standards where customer owns and maintains an ornamental street lighting system complete with standards, luminaires with globes, lamps, photocells, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's meter as designated by Company.

**RATE**

Customer Charge per Meter per Month \$8.20

Energy Charge per kWh \$0.04582

I

R

**FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

**OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider and Environmental Cost Recovery Rider.

N

N

N

**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

**CONDITIONS OF SERVICE**

The customer owns and maintains ornamental street lighting system including underground cables, posts, lamps, ballasts, glassware, and photocells conforming to specified daily operating schedule. Company furnishes energy only at central metered distribution point designated by Company. The daily operating schedule of the lamps shall be from approximately one-half hour after sunset until one-half hour before sunrise.

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**RULES FOR APPLICATION OF  
STREET LIGHTING RATES**

Section No. 5  
1st Revised Sheet No. 60  
Cancelling Original Sheet No. 60

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**1. SERVICE INCLUDED IN RATE**

- a. *Leased Equipment*  
Company shall own, operate, and maintain the overhead and underground street lighting systems using Company's standard street lighting equipment.
- b. *Purchased Equipment*

Group I

Company shall furnish all electric energy necessary to operate customer's ornamental street lighting system, shall make all lamp and globe renewals, clean the globes, light and extinguish all lamps, make all ballast renewals, and furnish all the materials and labor necessary therefor.

Where customer receives painting of metal standards service in lieu of ballast renewals (closed option), the monthly rate shall be reduced by \$0.25 for each additional luminaire mounted on a single standard.

Group IV

The customer owns and maintains entire ornamental street lighting system including underground cables, posts, lamps, ballasts, glassware, and photocells conforming to specified daily operating schedule. Company furnishes energy only at central distribution points designated by Company. See individual street lighting contracts for terms and conditions not covered herein.

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(Continued on Sheet No. 5-61)

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

Section No. 5  
 Original Sheet No. 61  
 Relocated from SDPUC No. 1 Sheet No. 3-49 &  
 3-50

**2. DAILY OPERATING SCHEDULE**

The daily operating schedule of lamps on the all-night (AN) schedule shall be from approximately one-half hour after sunset until one-half hour before sunrise, and on the midnight (MN) schedule shall be approximately one-half hour after sunset until midnight (Central Standard Time). All lamps served under leased equipment street lighting rate schedules operate on the above all-night schedule.

**3. OUTAGES**

If illumination from any lamp is interrupted and said illumination is not resumed within 24 hours from the time Company receives notice thereof from customer, one-thirtieth of the monthly energy related rate for such lamp shall be deducted for each night of non-illumination after such notice is received.

**4. SPECIAL SERVICES**

a. *Leased Equipment*

Conversion to High Pressure Sodium Street Lights

When requested by the customer, Company will convert obsolete incandescent, fluorescent, and mercury vapor street lighting units to high pressure sodium street lighting units. There shall be a conversion charge of \$20.00 for functional mercury vapor lighting units prior to the Company conversion schedule and no conversion charge for incandescent, fluorescent, or scheduled mercury vapor street lighting units for this service.

Temporary Disconnection of Service (Street lighting facilities remain in place.)

When requested by the customer, Company will temporarily disconnect service to individual street lighting units provided the customer pays a monthly facilities charge equal to the regular monthly rate less the product of the average monthly kWh for the lighting unit and the energy charge from the Street Lighting Service - Metered (Purchased Equipment) rate schedule. The customer must pay a charge of \$25.00 to disconnect or reconnect each lighting unit.

Termination of Street Lighting Facilities

When requested by the customer, Company will remove all or a portion of a street lighting system and cease billing. The customer must pay estimated termination costs for the removal and undepreciated value of facilities, less any salvage value, if the number of lights requested to be removed in any 12 month period exceeds 5% of the municipalities leased street lighting system.

(Continued on Sheet No. 5-62)

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

Section No. 5  
Original Sheet No. 62  
Relocated from SDPUC No. 1 Sheet No. 3-50

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**4. SPECIAL SERVICES (Continued)**

b. *Purchased Equipment*

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) Customer must install a meter socket at the service point.
- (2) Customer shall provide all maintenance to lighting units and identify the lighting units with Company approved markings.
- (3) Company inspection of lighting units for adaptability to Company's maintenance service must precede a transfer back to the applicable street lighting service rate.

Disconnection of Service

During the period between customer disconnection and reconnection of street lighting units, Company will cease billing provided the disconnection is made on the line side of the lighting unit ballast. Customer disconnection not on the line side will require the customer pay a charge to compensate for the lighting unit ballast core loss. When requested by the customer, Company will disconnect or reconnect street lighting units provided the customer pays a charge of \$25.00 for the disconnection or reconnection of each lighting unit. The customer must identify all disconnected street lighting units with Company approved markings.

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**FIRE AND CIVIL DEFENSE SIREN SERVICE**  
**RATE CODE E40**

Section No. 5  
1st Revised Sheet No. 63  
Cancelling Original Sheet No. 63

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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**

Per Month per Horsepower of Connected Capacity                      \$0.57

**MINIMUM BILL**

Net per Month                      \$2.61

**LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the 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 lead side of the customer's existing meter and the commercial rate applied to the total load.

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**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**FUEL CLAUSE RIDER**

Section No. 5  
5th Revised Sheet No. 64  
Cancelling 4th Revised Sheet No. 64

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**FUEL CLAUSE CHARGE**

There shall be added to or deducted from the monthly bill a Fuel Cost Charge calculated by multiplying the applicable monthly billing kilowatt hours (kWh) by the billed Fuel Adjustment Factor (FAF) per kWh. The billed FAF is calculated by prorating each calendar month FAF by the number of customer billing days in each calendar month, and rounding to the nearest \$0.00001 per kWh.

**FUEL ADJUSTMENT FACTOR (FAF)**

A separate FAF will be determined for each service category described below. The FAF for each service category is the sum of the Current Period Cost of Energy, the Fuel Cost True-Up Factor and the Intersystem Sales Margins sharing, multiplied by the applicable FAF Ratio.

<b>Service Category</b>	<b>FAF Ratio</b>
Residential	1.0094
C&I Non-Demand	1.0332
C&I Demand	1.0108
C&I Demand TOD On-Peak	1.3158
C&I Demand TOD Off-Peak	0.7510
Outdoor Lighting	0.8171

**SALES OF RENEWABLE ENERGY CREDITS**

Ninety percent (90%) of the South Dakota state jurisdictional share of revenue generated by the sale of Renewable Energy Credits shall be credited to customers.

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(Continued on Sheet No. 5-64.1)

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President and CEO of Northern States Power Company, a Minnesota corporation  
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**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**FUEL CLAUSE RIDER (Continued)**

Section No. 5  
Original Sheet No. 64.1

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**CURRENT PERIOD COST OF ENERGY**

The current period cost of energy shall be the sum of the following qualifying costs for the most recent two month period, divided by the kWh sales for the same period, excluding Intersystem sales.

1. The fossil and nuclear fuel consumed in the Company's generating stations as recorded in Federal Energy Regulatory Commission (FERC) Accounts 151 and 518.
2. The net energy cost of energy purchases as recorded in FERC Account 555 exclusive of capacity or demand charges, when such energy is purchased on an economic dispatch basis.
3. The actual identifiable fossil and nuclear fuel costs associated with energy purchased for reasons other than identified in (2) above.
4. Net costs or revenues recorded in Accounts 456, 501 and 555 (and other appropriate accounts as determined by the Commission) linked to the Company's load serving obligation, associated with participation in wholesale electric energy and ancillary service markets operated by Regional Transmission Organizations, Independent System Operators or similar entities that have received Federal Energy Regulatory Commission approval to operate the energy markets.
5. Less the fuel related costs recovered through intersystem sales.

**FUEL COST TRUE-UP FACTOR**

The Fuel Cost True-up Factor is the cumulative balance of unrecovered or over recovered qualifying system energy and MISO costs from prior months divided by the South Dakota retail kWh sales for the most recent two month period. A carrying charge or credit will be included in the determination of the Fuel Cost True-Up Factor. Said charge or credit will be determined by applying one-twelfth of the overall rate of return granted by the South Dakota Public Utilities Commission in the most recent rate decision to the recorded balance of deferred fuel cost as of the end of the month immediately preceding the fuel adjustment factor determination.

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(Continued on Sheet No. 5-64.2)

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		President and CEO of Northern States Power Company, a Minnesota corporation		
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**FUEL CLAUSE RIDER (Continued)**

Section No. 5  
Original Sheet No. 64.2

**INTERSYSTEM SALES MARGINS**

Intersystem Sales Margins are defined as intersystem sales revenues less the sum of fuel, energy costs (including costs associated with MISO 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 per kWh credit for the retail share of total intersystem sales margins, as defined below:

1. Asset Based Margins: One hundred percent (100%) of the South 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: Twenty five percent (25%) of the South 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. Margins equal to or less than \$100,000 will be refunded in one month and margins greater than \$100,000 will be refunded over 12 months.

The Company's retail customers will be served with the lowest cost resources available when the Company is engaged in asset-based transactions. For purposes of comparing which resources are lowest cost and for purposes of determining what order of dispatch constitutes "economic dispatch" under this rider, must-take and take-or-pay energy purchases and must-run resources, such as generation with minimum operating levels, intermittent wind, and run-of-river hydroelectric generation shall always be assigned to retail. Energy purchases that are necessary for reliable and adequate service to retail customers shall be procured at the lowest cost to the extent allowed by state or federal law or regulatory authority.

**RATE SCHEDULES BY SERVICE CATEGORY**

The FAF for each service category is applicable to the rate schedules as defined below:

**Residential**

Residential (E01, E03)  
Residential TOD (E02, E04)  
Residential Heat Pump Service (E06)  
Energy Controlled (E10)  
Limited Off-Peak (E11)

**Commercial and Industrial Non-Demand**

Energy Controlled (E10)  
Limited Off Peak (E11)  
Small General (E13)  
Small General TOD (E14, E18)  
Fire and Civil Defense Siren (E40)

**Commercial and Industrial Demand – Non-TOD**

General (E15)  
Peak Controlled (E20)

**Commercial and Industrial Demand – TOD**

General TOD (E16)  
Peak Controlled TOD (E21)  
Energy Controlled (E22)

**Outdoor Lighting**

Automatic Protective (E12)  
Street Lighting (Leased Equipment) (E30)  
Street Lighting (Purchased Equipment) (E31)  
Street Lighting Energy – Metered (Purchased Equipment) (E32)

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Northern States Power Company, a Minnesota corporation  
Minneapolis, Minnesota 55401  
**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**SURCHARGE RIDER**

Section No. 5  
1st Revised Sheet No. 65  
Cancelling Original Sheet No. 65

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A surcharge as designated will be included in the monthly bills computed under the Residential Service, Residential Time of Day Service, Small General Service, and Small General Time of Day Service rate schedules effective in the following South Dakota communities:

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Fedora (U)	\$3.85
Forestburg (Logan Township) (U)	\$5.25

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

Section No. 5  
2nd Revised Sheet No. 66  
Cancelling 1st Revised Sheet No. 66

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**AVAILABILITY**

Available to Residential Service customers with:

D

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.

Company controlled electric water heating is also available to residential customers with a controlled central air conditioner or heat pump, with the exception of electric water heaters served with the Energy Controlled Service (Non-Demand Metered) rate schedule.

**RIDER**

Residential Central Air Conditioning

A 15% discount will apply to energy and Fuel Clause Rider charges up to a maximum of 4,000 kWh per month during the billing months of June through September.

N  
N

Residential Electric Water Heating

A 2% discount will apply to energy and Fuel Clause Rider charges up to a maximum of 4,000 kWh per month during each billing month provided total energy use is not less than 300 kWh.

N  
N

**TERMS AND CONDITIONS**

1. The duration and frequency of interruptions will be determined by the 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.

(Continued on Sheet No. 5-67)

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Northern States Power Company  
 Minneapolis, Minnesota 55401

**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

**RESIDENTIAL CONTROLLED AIR CONDITIONING AND  
 WATER HEATING RIDER (Continued)**

Section No. 5 T  
 1st Revised Sheet No. 67  
 Cancelling Original Sheet No. 67

**TERMS AND CONDITIONS (Continued)**

3. To be eligible for this service, customer must agree to allow 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.

Date Filed: 02-28-00

By: Kent T. Larson  
 Chief Executive Officer & Managing Director  
 NSP – Dakotas

Effective Date: 05-04-00

Docket No. EL00-005

Order Date: 05-04-00



**COMMERCIAL AND INDUSTRIAL CONTROLLED AIR  
CONDITIONING RIDER**

Section No. 5  
Original Sheet No. 67.1

**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 interruption 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 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 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 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.

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(Continued on Sheet No. 5-67.2)

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Northern States Power Company  
Minneapolis, Minnesota 55401

**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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

Section No. 5  
Original Sheet No. 67.2

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

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.
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.

N  
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N

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**STANDBY SERVICE RIDER**

Section No. 5  
 1st Revised Sheet No. 68  
 Cancelling Original Sheet No. 68

**AVAILABILITY**

Available to any General Service or General Time of Day Service customer subject to the provisions in the General Rules and Regulations, Section 2.4.

**RATE**

	<u>Unscheduled Maintenance</u>	<u>Scheduled Maintenance</u>	
Customer Charge per Month	\$25.00	\$25.00	
Demand Charge per Month per kW of Contracted Standby Capacity			
Secondary Voltage Service	\$2.90	\$2.80	
Primary Voltage Service	\$2.10	\$2.00	
Transmission Transformed Voltage Service	\$1.40	\$1.30	
Transmission Voltage Service	\$0.90	\$0.80	

**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.
2. Customer will execute an Electric Service Agreement with Company which will specify:
  - a. The total capacity requirements which will be no less than that which Company will be required to supply in the event customer's power source is not available, and
  - b. Capacity of customer's power source for which Company will be providing standby power and to which the Standby Service charge applies.
3. The Company's meter will be ratcheted to measure the flow of power and energy from Company to customer only.
4. Company will not be obligated to supply a customer's load in excess of the capacity for which customer has contracted.
5. Customer will be liable for all damages caused by customer's use of power in excess of contracted for capacity.

(Continued on Sheet No. 5-69)

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	President and CEO of Northern States Power Company, a Minnesota corporation	
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**STANDBY SERVICE RIDER (Continued)**

Section No. 5  
 Original Sheet No. 69  
 Relocated from SDPUC No. 1 Sheet No. 3-43.4 &  
 3-43.5

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

6. Company will require customer to contract for additional standby and supplementary capacity if the customer exceeds his contract amount in any three of the preceding 12 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 12 months.

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

1. 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 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, and at those times when Company is required to use oil-fired generation equipment or to purchase power that results in equivalent production costs. Customer must provide Company with written notice of scheduled maintenance at least six months prior to the beginning of the maintenance period.

3. The duration of qualifying scheduled maintenance periods may not exceed a total of six weeks in any 12 month period.

(Continued on Sheet No. 5-70)

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By: Michael J. Hanson  
 General Manager & Chief Executive  
 NSP - South Dakota

Effective Date: 12-16-96

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Northern States Power Company  
Minneapolis, Minnesota 55401

**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**STANDBY SERVICE RIDER (Continued)**

Section No. 5  
Original Sheet No. 70  
Relocated from SDPUC No. 1 Sheet No. 3-43.5

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**ADDITIONAL TERMS AND CONDITIONS OF SERVICE WITH SCHEDULED MAINTENANCE (Continued)**

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. General Service or General Time of Day Service demand charges shall not apply to use during qualifying scheduled maintenance periods.

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NSP - South Dakota

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**TRANSMISSION COST RECOVERY RIDER**

Section No. 5  
1st Revised Sheet No. 71  
Cancelling Original Sheet No. 71

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**APPLICATION**

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

**RIDER**

There shall be included on each customer's monthly bill a Transmission Cost Recovery (TCR) adjustment, which shall be the TCR Adjustment Factor multiplied by the customer's monthly billing kWh for electric service. This TCR Adjustment shall be calculated before city surcharge and sales tax.

**DETERMINATION OF TCR ADJUSTMENT FACTOR**

The TCR Adjustment Factor shall be calculated by dividing the forecasted balance of the TCR Tracker Account by the forecasted retail sales for the calendar year. The TCR Adjustment Factor shall be rounded to the nearest \$0.000001 per kWh.

The TCR Adjustment Factor may be adjusted annually with approval of the South Dakota Public Utilities Commission (Commission). The TCR Adjustment Factor shall apply to bills rendered on and after January 1st of the year. The TCR factor for all rate schedules is:

All Classes	\$0.000094 per kWh
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R

Recoverable Transmission Costs shall be the annual revenue requirements associated with transmission projects eligible for recovery under SDCL 49-34A-25.1 that are determined by the Commission to be eligible for recovery under this Transmission Cost Recovery Rider. A standard model will be used to calculate the total forecasted revenue requirements for eligible projects for the designated period. All costs appropriately charged to the Transmission Tracker Account shall be eligible for recovery through this Rider, and all revenues recovered from the TCR Adjustment shall be credited to the Transmission Tracker Account.

Forecasted retail sales shall be the estimated total retail electric sales for the designated recovery period.

**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 the TCR Adjustment recoveries and the actual revenue requirements for such period. The true-up adjustment shall be calculated and recorded by no later than May 1 of the following calendar year and will be included in calculating the TCR Adjustment Factor effective with the start of the next designated recovery period.

For example, the Year 1 actual revenue requirements versus TCR Adjustment recoveries would be determined by May 1 of Year 2, at which time the Company would record an adjustment to the Tracker Account. The difference between the Year 1 actual revenue requirements and Year 1 TCR Adjustment recoveries would be included in the calculation of the TCR Adjustment factor filed by September 1 of Year 2 to be effective January 1 of Year 3.

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**SOUTH DAKOTA ELECTRIC RATE BOOK - SDPUC NO. 2**

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**ENVIRONMENTAL COST RECOVERY RIDER**

Section No. 5  
1st Revised Sheet No. 72  
Cancelling Original Sheet No. 72

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**APPLICATION**

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

**RIDER**

There shall be included on each customer's monthly bill an Environmental Cost Recovery (ECR) adjustment, which shall be the ECR Adjustment Factor multiplied by the customer's monthly billing kWh for electric service. This ECR Adjustment shall be calculated before city surcharge and sales tax.

**DETERMINATION OF ECR ADJUSTMENT FACTOR**

An ECR Adjustment Factor shall be determined by dividing the forecasted balance of the ECR Tracker Account by the forecasted retail sales for the upcoming year. ECR Adjustment Factors shall be rounded to the nearest \$0.000001 per kWh.

The ECR Adjustment Factor may be adjusted annually with approval of the South Dakota Public Utilities Commission (Commission). The ECR factor is:

All Customers	\$0.000154 per kWh
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R

Recoverable Environmental Measure Costs shall be the annual revenue requirements associated with environmental measures eligible for recovery under SDCL 49-34A-97 that are determined by the Commission to be eligible for recovery under this Environmental Cost Recovery Rider. A standard model will be used to calculate the total forecasted revenue requirements for eligible measures for the designated period. All costs appropriately charged to the Environmental Tracker Account shall be eligible for recovery through this Rider, and all revenues recovered from the ECR Adjustment shall be credited to the Environmental Tracker Account.

Forecasted retail sales shall be the estimated total retail electric sales for the designated recovery period.

**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 the ECR Adjustment recoveries and the actual revenue requirements for such period. The true-up adjustment shall be calculated and recorded by no later than May 1 of the following calendar year and will be included in calculating the ECR Adjustment Factor effective with the start of the next designated recovery period.

For example, the Year 1 actual revenue requirements versus ECR Adjustment recoveries would be determined by May 1 of Year 2, at which time the Company would record an adjustment to the Tracker Account. The difference between the Year 1 actual revenue requirements and Year 1 ECR Adjustment recoveries would be included in the calculation of the ECR Adjustment factor filed by September 1 of Year 2 to be effective January 1 of Year 3.

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