Docket No. EL14-\_\_\_ Exhibit\_\_\_\_(JPG-1), Schedule 14

# Non-Legislative

#### RESIDENTIAL SERVICE RATE CODE E01, E03

Section No. 5

2nd Revised Sheet No. 1.1

Cancelling 1st Revised Sheet No. 1.1

# AVAILABILITY

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

# RATE

\$9.25	5	I
\$11.2	5	Ι
First 1,000	Excess	
<u>kWh per Month</u>	<u>kWh per Month</u>	
\$0.09688	\$0.09688	I
\$0.08088	\$0.07795	I
\$0.08088	\$0.05088	I
	\$11.25 First 1,000 <u>kWh per Month</u> \$0.09688 \$0.08088	kWh per Month         kWh per Month           \$0.09688         \$0.09688           \$0.08088         \$0.07795

# 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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure 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.

# **OTHER PROVISIONS**

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

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

# RATE

Customer Charge per Month		
Overhead (E02)	\$11.25	
Underground (E04)	\$13.25	
On Peak Period Energy Charge per kWh		
June - September	\$0.20251	1
Other Months		
Without Electric Space Heating	\$0.15921	I
Electric Space Heating	\$0.13398	I
Off Peak Period Energy Charge per kWh	\$0.03200	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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure 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.

# **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.

(Continued on Sheet No. 5-3)			
06-23-14	By: David M. Sparby	Effective Date:	
President and CEO o	f Northern States Power Company, a Mi	nnesota corporation	
EL14-		Order Date:	
	President and CEO o	06-23-14 By: David M. Sparby President and CEO of Northern States Power Company, a Mi	06-23-14 By: David M. Sparby Effective Date: President and CEO of Northern States Power Company, a Minnesota corporation

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

Section No. 5 4th Revised Sheet No. 7 Cancelling 3rd Revised 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			
Customer Charge per Month	<u>Residential</u> \$3.50	Commercial & Industrial \$3.50	I
Energy Charge per kWh Standard Optional	\$0.04088	\$0.04088	I
June - September Other Months	\$0.09688 \$0.04088	\$0.09021 \$0.04088	I I

# **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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

#### 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)

Date Filed:	06-23-14	By: David M. Sparby	Effective Date:
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Docket No.	EL14-		Order Date:

RESIDENTIAL HEAT PUMP SERVICE	Section No.	5
(TWO METER RATE)	4th Revised Sheet No.	9
RATE CODE E06	Cancelling 3rd Revised Sheet No.	9

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	\$3.50	
Energy Charge per kWh	<b>*</b> 2.0 <b>7</b> 222	
June - September	\$0.07806	
Other Months	\$0.04928	

# 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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

# 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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# LIMITED OFF PEAK SERVICE RATE CODE E11

Section No. 5

6th Revised Sheet No. 11

Cancelling 5th Revised Sheet No. 11

# 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	\$3.50
Three Phase	\$5.75
Primary Voltage	\$28.00
Energy Charge per kWh	
Secondary Voltage	\$0.02920
Primary Voltage	\$0.02773

# 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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

# MONTHLY MINIMUM CHARGE

Secondary Voltage	
Single Phase	\$8.00
Three Phase	\$12.00
Primary Voltage	\$60.00

# 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.

ed on Sheet No. 5-12)
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Date Filed:	06-23-14	By: David M. Sparby	Effective Date:
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Docket No.	EL14-		Order Date:

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# LIMITED OFF PEAK SERVICE (Continued) RATE CODE E11

Section No. 5

3rd Revised Sheet No. 12 Cancelling 2nd Revised Sheet No. 12

Effective Date:

# 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 \$0.30 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.
- 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.

By: David M. Sparby

Date Filed:

06-23-14

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# AUTOMATIC PROTECTIVE LIGHTING SERVICE RATE CODE E12

4th Revised Sheet No. 14

Section No. 5

Cancelling 3rd Revised Sheet No. 14

# AVAILABILITY

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

# RATE

Designation of Lamp	Monthly Rate Per Unit
Area Units	
100W High Pressure Sodium	\$7.64 I
175W Mercury (1)	\$7.64 I
250W High Pressure Sodium	\$13.60 I
400W Mercury (1)	\$13.60
Directional Units	
250W High Pressure Sodium	\$15.10 I
400W Mercury (1)	\$15.10 I
400W High Pressure Sodium	\$18.92 I

(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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure 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.

# 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.

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(Continued on Sheet No. 5-15)

# SMALL GENERAL SERVICE RATE CODE E13

Section No. 5

4th Revised Sheet No. 21

Cancelling 3rd Revised Sheet No. 21

# 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	\$10.25	\$10.25
Energy Charge per kWh	\$0.07421	\$0.09021

# 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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure 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.

# 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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SMALL GENERAL TIME OF DAY SERVICE	Section No.	5
RATE CODE E14 (METERED) AND	7th Revised Sheet No.	23
RATE CODE E18 (UNMETERED)	Cancelling 6th Revised Sheet No.	23

# AVAILABILITY

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

# RATE

	Oct-May	Jun-Sep	
Customer Charge per Month			
Metered Time of Day	\$12.25	\$12.25	
Metered Non-Time of Day	\$10.25	\$10.25	
Unmetered Continuous 24 Hour Use	\$8.00	\$8.00	I
Low Wattage Use, 100 W or Less	\$0.31	\$0.31	I
Low Wattage Use, From 100 W to 400 W	\$1.25	\$1.25	
Energy Charge per kWh			
On Peak Period Energy	\$0.12297	\$0.15745	
Off Peak Period Energy	\$0.03200	\$0.03200	
Continuous 24 Hour Energy	\$0.06384	\$0.07591	l

# 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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure 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)

Section No. 5 3rd Revised Sheet No. 24.1 Cancelling 2nd Revised Sheet No. 24.1

# 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 \$10.25.
  - b. Unmetered Service: For applications where no metering is installed, the monthly customer charge for each location is \$8.00. 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 \$0.31 per device for devices with a rating of 100 Watts or less. For devices with a rating over 100 Watts but less than 400 Watts, the monthly fixed charge shall be \$1.25 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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GENERAL SERVICE	Section No.	5
RATE CODE E15	4th Revised Sheet No.	25
	Cancelling 3rd Revised Sheet No.	25

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	\$2	24.00	I
Service at Secondary Voltage Demand Charge per Month per kW	<u>Oct-May</u> \$9.41	<u>Jun-Sep</u> \$13.61	I
Energy Charge per kWh	\$0.03	3580	I
Energy Charge Credit per Month per kWh All kWh in Excess of 360 Hours Times the Billing Demand	\$0.00	0953	I
	January	- December	
Voltage Discounts per Month Primary Voltage	<u>Per kW</u> \$0.70	<u>Per kWh</u> \$0.00147	I
Transmission Transformed Voltage Transmission Voltage	\$1.35 \$2.00	\$0.00300 \$0.00320	

#### 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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure 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.

## **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.

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Section No. 5

Cancelling 3rd Revised Sheet No. 28

\$0.00320

# AVAILABILITY

Available to any non-residential customer for general service.

# RATE

Customer Charge per Month	\$27.00		I
Service at Secondary Voltage	<u>Oct-May</u>	Jun-Sep	
Demand Charge per Month per kW			
On Peak Period Demand	\$9.41	\$13.61	I
Off Peak Period Demand in Excess of	\$2.00	\$2.00	
On Peak Period Demand			
Energy Charge per kWh			
On Peak Period Energy	\$0	0.04820	1
Off Peak Period Energy	\$0	0.02537	I
Energy Charge Credit per Month per kWh			
All kWh in Excess of 360 Hours Times the	\$0	0.00953	
On Peak Period Billing Demand, Not to			I
Exceed 50% of Total kWh			
	Januar	y - December	
Voltage Discounts per Month	Per kW	Per kWh	1
Primary Voltage	\$0.70	\$0.00147	1
Transmission Transformed Voltage	\$1.35	\$0.00300	1
C C			

\$2.00

# 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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

# LATE PAYMENT CHARGE

Transmission Voltage

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)		
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# PEAK CONTROLLED SERVICE RATE CODE E20

Section No. 5

4th Revised Sheet No. 31

Cancelling 3rd Revised 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	\$55.00			
Service at Secondary Voltage Demand Charge per Month per kW	<u>Firm D</u> <u>Oct-May</u> \$9.41	<u>emand</u> Jun-Sep \$13.61	Controllable Oct-May \$7.24	<u>e Demand</u> <u>Jun-Sep</u> \$7.24
Energy Charge per kWh		\$0.035	80	
Energy Charge Credit per Month per kWh All kWh in Excess of 360 Hours Times the Sum of All Billing Demands	\$0.00953			
Voltage Discounts per Month Primary Voltage Transmission Transformed Voltage Transmission Voltage		<u>Janu</u> Per kW \$0.70 \$1.35 \$2.00	ary - December Per kWł \$0.00147 \$0.00300 \$0.00320	<u>n</u> 7 0

# 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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure 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.

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06-23-14	By: David M. Sparby	Effective Date:
President and CEO of Northerr	n States Power Company, a Minnesc	ota corporation
EL14-		Order Date:
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(Continued on Sheet No. 5-32)

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| | | PEAK CONTROLLED SERVICE (Continued) RATE CODE E20 Section No. 5

PROPOSED

4th Revised Sheet No. 32

Cancelling 3rd Revised Sheet No. 32

# DETERMINATION OF DEMAND

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

<u>Adjusted Demand</u> 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.

<u>Predetermined Demand</u> 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.

<u>Firm Demand</u> 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.

<u>Controllable Demand</u> 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.

(Continued on Sheet No. 5-33)

Date Filed:	06-23-14	By: David M. Sparby	Effective Date:
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Docket No.	EL14-		Order Date:

PEAK CONTROLLED TIME OF DAY SERVICE	Section No.	5
RATE CODE E21	4th Revised Sheet No.	34
	Cancelling 3rd Revised Sheet No.	34

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	\$55.00			I	
Service at Secondary Voltage	<u>Firm De</u> Oct-May	emand Jun-Sep	<u>Controllab</u> Oct-May	le Demand Jun-Sep	
Demand Charge per Month per kW On Peak Period Demand	\$9.41	\$13.61	\$7.24	\$7.24	I
Off Peak Period Demand in Excess of On Peak Period Demand	\$2.00	\$2.00	\$2.00	\$2.00	
Energy Charge per kWh On Peak Period Energy Off Peak Period Energy			0.04820 0.02537		1
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		\$	0.00953		I
Voltage Discounts per Month Primary Voltage Transmission Transformed Voltage Transmission Voltage		<u>Janu</u> <u>Per kW</u> \$0.70 \$1.35 \$2.00	<u>ary - Decemb</u> <u>Per kV</u> \$0.001 \$0.0030 \$0.0032	<u>/h</u> 47 00	1

(Continued on Sheet No. 5-35)

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Section No. 5 4th Revised Sheet No. 36 Cancelling 3rd Revised Sheet No. 36

**DETERMINATION OF DEMAND (Continued)** 

<u>Predetermined Demand</u> 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 that the greatest PDL of all months with a control period during the preceding 11 months.

<u>Firm Demand</u> 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.

<u>Controllable Demand</u> 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.

<u>Minimum On Peak Demand</u> 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.

#### **OTHER PROVISIONS**

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

(Continued on Sheet No. 5-37)

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4th Revised Sheet No. 40

Cancelling 3rd Revised 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	e per Month \$55.00			I	
Service at Secondary Voltage Demand Charge per Month per kW On Peak Period Demand	<u>Firm D</u> Oct-May	<u>)emand</u> Jun-Sep	<u>Controllable</u> Oct-May	<u>e Demand</u> Jun-Sep	
	\$9.41	\$13.61	\$6.74	\$6.74	I
Off Peak Period Demand in Excess of On Peak Period Demand	\$2.00	\$2.00	\$2.00	\$2.00	
Energy Charge per kWh On Peak Period Energy Off Peak Period Energy Control Period Energy	<b>F</b> =	04820 02537	\$0.	04480 02429 09200	
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.	00953		I
Voltage Discounts per Month Primary Voltage Transmission Transformed Voltage Transmission Voltage		<u>January -</u> <u>Per kW</u> \$0.70 \$1.35 \$2.00	December Per kWh \$0.00147 \$0.00300 \$0.00320		   

(Continued on Sheet No. 5-41)

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PROPOSED

## ENERGY CONTROLLED SERVICE (Continued) RATE CODE E22

Section No. 5

4th Revised Sheet No. 42

Cancelling 3rd Revised Sheet No. 42

# **DETERMINATION OF DEMAND (Continued)**

<u>Firm Demand</u> 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.

<u>Controllable Demand</u> 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.

<u>Minimum On Peak Demand</u> 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.

## 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,
  - 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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Section No. 5 4th Revised Sheet No. 56 Cancelling 3rd Revised 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

	Monthly Rate per Luminaire		
			Decorative
Designation of Lamp	<b>Overhead</b>	<u>Underground</u>	Underground
100W High Pressure Sodium	\$13.55	\$22.35	\$30.12
150W High Pressure Sodium	\$15.42	\$24.34	\$31.56
250W High Pressure Sodium	\$19.90	\$29.12	\$38.42
400W High Pressure Sodium	\$24.47		

#### 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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure 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 Street Lighting Rates.

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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** 

Designation of Lamp	Monthly Rate per Luminaire - AN	
175W Mercury	\$6.44	I
400W Mercury	\$11.30	I
70W High Pressure Sodium	\$4.15	I
100W High Pressure Sodium	\$4.83	I
150W High Pressure Sodium	\$5.84	I
250W High Pressure Sodium	\$8.41	I
400W High Pressure Sodium	\$11.71	I
1,000W High Pressure Sodium	\$23.94	I

(Continued on Sheet No. 5-58)

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# RATE (Continued)

GROUP IV	
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Designation of Lamp	Monthly Rate per Luminaire - AN	
175W Mercury	\$4.24	I
70W High Pressure Sodium	\$1.95	I
100W High Pressure Sodium	\$2.56	1
150W High Pressure Sodium	\$3.64	I
250W High Pressure Sodium	\$6.21	I
400W High Pressure Sodium	\$9.51	1
Metered Ornamental net per kWh (1)	\$0.05743	1

(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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure 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 Street Lighting Rates.

# STREET LIGHTING ENERGY SERVICE - METERED RATE CODE E32

Section No. 5 4th Revised Sheet No. 59

Cancelling 3rd Revised Sheet No. 59

# 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	\$5.00
Energy Charge per kWh	\$0.05443

# 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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure 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.

# 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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FIRE AND CIVIL DEFENSE SIREN SERVICE	Section No.	5
RATE CODE E40	4th Revised Sheet No.	63
	Cancelling 3rd Revised Sheet No.	63

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		
MINIMUM BILL		
Net per Month	\$3.09	

# 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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#### FUEL CLAUSE RIDER

Section No. 5 8th Revised Sheet No. 64

Cancelling 7th Revised Sheet No. 64

# 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.

FAF Ratio	R
1.0124	R
1.0199	
1.0033	R
1.2090	
0.8304	1
0.7621	I
	1.0124 1.0199 1.0033 1.2090 0.8304

# 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.

#### **EMISSION ALLOWANCES AND FEDERAL PRODUCTION TAX CREDITS**

The South Dakota state jurisdictional share of revenue generated by the sale of emission allowances and the revenue requirements from federal production tax credits (PTC) associated with wind generation allocated to South Dakota shall be credited to customers.

(Continued on Sheet No. 5-64.1)

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

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

#### RATE

	Firm Standby		Non-Firm Standby	
	Unscheduled	Scheduled		
	<b>Maintenance</b>	<b>Maintenance</b>		
Customer Charge per Month	\$27.00	\$27.00	\$27.00	Ι
Demand Charge per Month per kW of Contracted				
Standby Capacity				
Secondary Voltage Service	\$3.06	\$2.96	\$2.00	Ι
Primary Voltage Service	\$2.36	\$2.26	\$1.30	Ι
Transmission Transformed Voltage Service	\$1.71	\$1.61	\$0.65	Ι
Transmission Voltage Service	\$1.06	\$0.96	\$0.00	Ι

# **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, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

### 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. 5-68.1)

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