



March 5, 2024

– VIA ELECTRONIC MAIL AND U.S. MAIL –

Steven M. Kahl, Executive Director
North Dakota Public Service Commission, Dept. 408
State Capitol, 600 East Boulevard
Bismarck, ND 58504-0480

RE: PROPOSED TARIFF MODIFICATIONS TO THE CONTROLLED AIR
CONDITIONING AND WATER HEATING RIDERS (RESIDENTIAL &
COMMERCIAL)
CASE NO. PU-23-337

Dear Mr. Kahl:

On October 27, 2023, Northern States Power Company, doing business as Xcel Energy, submitted an application to the North Dakota Public Service Commission for approval of modifications to the Residential Controlled Air Conditioning and Water Heating Rider and the Commercial and Industrial Controlled Air Conditioning Rider (collectively “Saver’s Switch”). Commission Staff, has requested revisions to the tariffs filed with the Application to add clarifying language that the Company can cycle on a schedule to achieve 80% reduction during a NERC Level 2 system emergency. Find attached the requested revisions for the tariffs listed below:

North Dakota Electric Rate Book – NDPSC No. 2

- Section 5, 10th Revised Sheet No. 78
- Section 5, 10th Revised Sheet No. 80

Please contact me at alex.j.nisbet@xcelenergy.com if you have any questions regarding this filing.

Sincerely,

ALEX NISBET
REGULATORY POLICY SPECIALIST

cc: Adam Renfandt
Enclosures

11 PU-23-337 Filed 03/05/2024 Pages: 7
Proposed Tariff Modifications
Northern States Power Company
Alex Nisbet, Reg. Policy Specialist

Legislative

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

Section No. 5
~~9th~~^{10th} Revised Sheet No. 78

AVAILABILITY

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

RIDER

Residential Central Air Conditioning. A \$10.00 discount will apply to the energy and fuel cost charges during the billing months of June through September. €

Residential Electric Water Heating. A \$2.00 discount will apply to energy and fuel cost charges during each billing month provided total energy use is not less than 300 kWh. €

TERMS AND CONDITIONS

1. The duration and frequency of interruptions will be determined by Company. Customer's air conditioning equipment will normally be cycled on a schedule designed to achieve a 60% reduction in the home's air conditioning requirements during a load management period. The Company reserves the right to cycle on a schedule designed to achieve 80% reduction for additional load relief during a NERC Level 2 system emergency. 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. The interruptions as described above, will be made so as to benefit native load and may occur up to a maximum of 300 hours per calendar year. C
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2. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.
3. To be eligible for this service, customer must agree to Company load control for a minimum term of one year.
4. The storage capacity of the water heater shall be 40 gallons or more in order to be eligible for this service.
5. The Residential Central Air Conditioning energy charge discount for Energy-Controlled Service (Non-Demand Metered) customers will also apply to their standard service energy charge.
6. Rider availability for heat pump installations is limited to those sized for summer cooling requirements, as determined by Company. Customers with heat pumps not receiving Energy-Controlled Service (Non-Demand Metered) will not be controlled during the billing months of October through May.

**COMMERCIAL AND INDUSTRIAL CONTROLLED
AIR CONDITIONING RIDER**

Section No. 5
~~9th~~10th Revised Sheet No. 80

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. Customer's air conditioning equipment will normally be cycled on a schedule designed to achieve up to a 60% reduction in the building's air conditioning requirements during a load management period. The Company reserves the right to cycle on a schedule designed to achieve 80% reduction for additional load relief during a NERC Level 2 system emergency. Single stage air conditioners will be cycled on a schedule of 15 minutes on and 15 minutes off in any 30 minute portion of a load management period. Dual stage air conditioners will be allowed to have the first stage run without interruptions while the second stage will be shut off for the entire load management period. Air conditioning interruptions will normally occur on high demand days during summer months. Interruption will normally be based on meeting peak demand and system economic dispatch requirements of Company. However, interruption may also occur at times when, in the Company's opinion, the reliability of the system may be at risk. Air conditioning interruptions will not normally occur during the observation day of the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. The interruptions as described above, will be made so as to benefit native load and may occur up to a maximum of 300 hours per calendar year.
2. Company shall not be liable for any loss or damage caused by or resulting from any interruption
3. To be eligible for this service, customer must agree to allow Company load control for a minimum term of one year.
4. Rider will not be available to customers that have an air conditioning system which significantly exceeds summer cooling requirements, as determined by Company.
5. Company will normally control every air conditioning unit at the customer's building. Customers may nominate certain units to be excluded from the program, but Company retains final authority to approve exclusions. Company may also unilaterally exclude units that will not provide cost-effective load relief.
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.

(Continued on Sheet No. 80.1)

Date Filed: ~~03-26-24~~10-27-23 By: Christopher B. Clark Effective Date: 10-01-24
President, Northern States Power Company, a Minnesota corporation
Case No. PU-~~20-441~~23-337 Order Date: 08-18-24

Non-Legislative

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

Section No. 5
10th Revised Sheet No. 78

AVAILABILITY

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

RIDER

Residential Central Air Conditioning. A \$10.00 discount will apply to the energy and fuel cost charges during the billing months of June through September.

Residential Electric Water Heating. A \$2.00 discount will apply to energy and fuel cost charges during each billing month provided total energy use is not less than 300 kWh.

TERMS AND CONDITIONS

1. The duration and frequency of interruptions will be determined by Company. Customer's air conditioning equipment will normally be cycled on a schedule designed to achieve a 60% reduction in the home's air conditioning requirements during a load management period. The Company reserves the right to cycle on a schedule designed to achieve 80% reduction for additional load relief during a NERC Level 2 system emergency. 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. The interruptions as described above, will be made so as to benefit native load and may occur up to a maximum of 300 hours per calendar year. C
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4. The storage capacity of the water heater shall be 40 gallons or more in order to be eligible for this service.
5. The Residential Central Air Conditioning energy charge discount for Energy-Controlled Service (Non-Demand Metered) customers will also apply to their standard service energy charge.
6. Rider availability for heat pump installations is limited to those sized for summer cooling requirements, as determined by Company. Customers with heat pumps not receiving Energy-Controlled Service (Non-Demand Metered) will not be controlled during the billing months of October through May. C
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Date Filed: 10-27-23

By: Christopher B. Clark

Effective Date:

President, Northern States Power Company, a Minnesota corporation

Case No. PU-23-337

Order Date:

**COMMERCIAL AND INDUSTRIAL CONTROLLED
AIR CONDITIONING RIDER**

Section No. 5
10th Revised Sheet No. 80

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

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President, Northern States Power Company, a Minnesota corporation
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