

Northern States Power Company



NSPM RESIDENTIAL TIME OF USE RATE

November 9, 2023

Welcome and Introductions

Background

MN Flex Pricing Pilot Results Summary

CO Residential TOU Rate Experience

Rate Design

Rate Implementation Details

Stakeholder Discussion

Northern States Power Company



Patti Leaf
Regulatory Policy Specialist- Stakeholder Engagement

Welcome and Introductions

Xcel Energy Residential Time of Use (TOU) Rate Discussion

- Welcome environment for all
- Opportunity to ask questions and provide input
- Today's Logistics
 - Sign- In
 - Break
 - Building
- Introductions

Welcome and Introductions

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Brandon Kirschner
Regulatory Policy Specialist

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Background

Residential TOU Rate Pilot Details

Commission approved Residential TOU Rate Pilot, known as Flex Pricing Pilot, August 7, 2018 (Docket No. E002/M-17-775)

- Goals for the Flex Pricing Pilot Included:
 - Adequate price signaling to reduce peak demand
 - Explore and identify effective customer engagement strategies
 - Understand customer impacts by segment
 - Support attainment of demand response goals
 - Understand integration of pilot elements in our service territory
- Approved for 10,000 treatment group customers and 7,500 control group customers
 - Customers (both treatment and control group) received a new Advanced Metering Infrastructure (AMI) meter

Background

Flex Pricing Pilot Details (cont.)

- Participants were located in two geographic areas
 - Minneapolis (Midtown substation)
 - Eden Prairie Area (Westgate substation)
- Customers were selected from eligible population to capture a diverse population base and provide insights into key customer types (Income qualified, EV drivers, etc.)
 - Customers on net metering, energy controlled, Residential EV Service, or those customers who were medical equipment-dependent were excluded

Income qualified customers were identified through surveys (self-identified), by confirming that a customer is already receiving LIHEAP assistance, or were determined to be most income qualified via segmentation algorithm completed by Guidehouse

Background

Flex Pricing Pilot Operations and Rate Design

- Operated for 2 years (November 2020 to October 2022)
 - Launch initially planned for April 2020, but was delayed due to COVID-19 Pandemic
- Three time periods (On-peak, mid-peak, and off-peak)
 - Seasonal pricing differences for on-peak and mid-peak energy charges
 - Monthly customer charge comparable to standard residential rate
- Featured a bill protection mechanism
 - Customers received a bill credit if their bills increased by 10% or more over standard rate
 - Covered the first 12 months of participation, with credit paid once
 - Low-income customers received additional bill protections
- Customers were free to opt-out of pilot at any time

Background

Post-Pilot Transition

- Two-year pilot period ended October 2022
- Customers participating as part of the treatment group have been kept on the TOU rate
 - Can transition off the rate and go back to standard residential rate at any time
- Customers are not able to opt-in to rate
- No longer offering bill protections, but customer resources available during pilot remain in place
- Transition plan will stay in place until a successor residential TOU rate is available
- Transition plan discussed in November 30, 2022 and February 10, 2023 Compliance Filings

Background

Relevant Commission Orders to Upcoming Filing

- Commission's Order Approving Previous Pilot requires a permanent rate proposal
 - Order Point 5 of August 7, 2018 Order in Docket No. E002/M-17-775 stated:
Xcel must work with interested parties to develop a plan to fully implement a TOU rate for all residential customers after completion of the Pilot.
- Commission's Order approving recent Electric Rate Case established timeline for filing
 - Order Point 68 of July 17, 2023 Order in Docket No. E002/GR-21-630 stated:
Xcel must file a proposed permanent Residential Time-of-Use rate by December 31, 2023.

Background

What will Upcoming Filing Include?

- Lessons Learned from Flex Pricing Pilot and our experiences operating residential TOU rate in Colorado
 - Flex Pricing Pilot was successful so rate will focus on keeping successful aspects, while tweaking certain aspects
- Minor Rate Design Modifications
- Plans to implement rate for all residential customers
 - Timing of rate launch, resources available to customers, education and outreach, etc.
- Examples of Communication and Educational Materials
- Proposed Tariff Changes

Background

Timeline of Filing and Rate Launch

- To be filed in new docket (Docket No. E002/M-23-____)
- Mid-December 2023 – Permanent rate proposal submitted to Commission
- Early 2024 – Comment Period
- Mid to Late 2024 – Commission Decision
- Early 2025 – Expected Completion of AMI Rollout
- Early to Mid 2025 – Launch of Residential TOU Rate

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MN Flex Pricing Pilot Results Summary

Key Findings – Customer Impacts

- Participants responded to the rate's price signals and reduced consumption during summer On-Peak hours.
- Changes in both usage patterns and the effect on customer bills were relatively minor
- A small subset of highly engaged customers accounted for a disproportionate share of the on-peak reductions.
 - 10% of participants accounted for over half of the pilot impacts

More details of pilot findings can be found in our February 10, 2023 Final Report

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MN Flex Pricing Pilot Results Summary

Key Findings – Customer Experience

- Customers understood how the time of day influenced the rates paid, but only half understood how weekends and holidays affected their rates.
- Many participants reported feeling empowered to take at least a moderate level of effort to reduce on-peak consumption
- Most participants reported not knowing if their bills were higher or lower than expected compared to previous summer and winter seasons.

MN Flex Pricing Pilot Results Summary

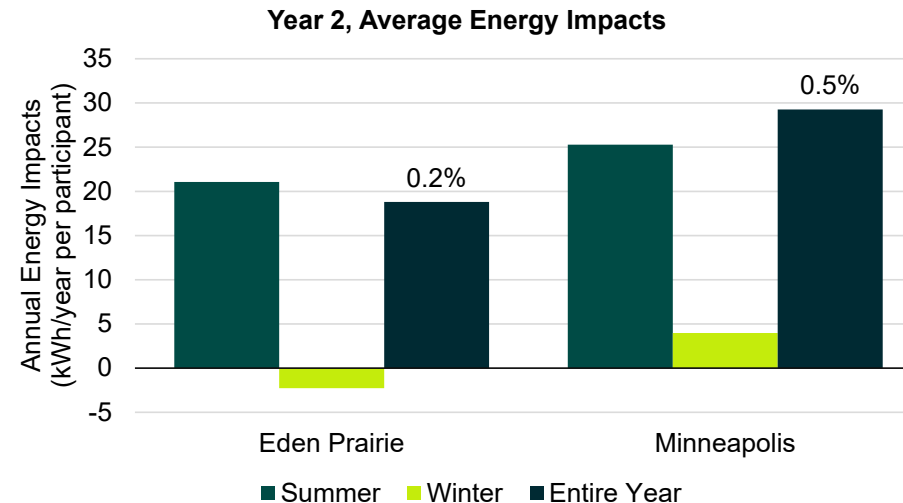
Demand Impacts

- Pilot participants responded to the TOU rate with modest changes in their usage patterns
 - Average participant reduced their summer On-Peak demand by 1.6%, but impacts were varied by area and year
 - In first year, summer on-peak impacts were consistent in both areas
 - In Year 2, participants in Eden Prairie delivered similar summer on-peak results to Year 1, while Minneapolis participants demand reductions fell to zero
 - Winter on-peak demand reductions grew for Minneapolis customers in Year 2 and were aligned with reductions of Eden Prairie area customers.

MN Flex Pricing Pilot Results Summary

Energy Impacts

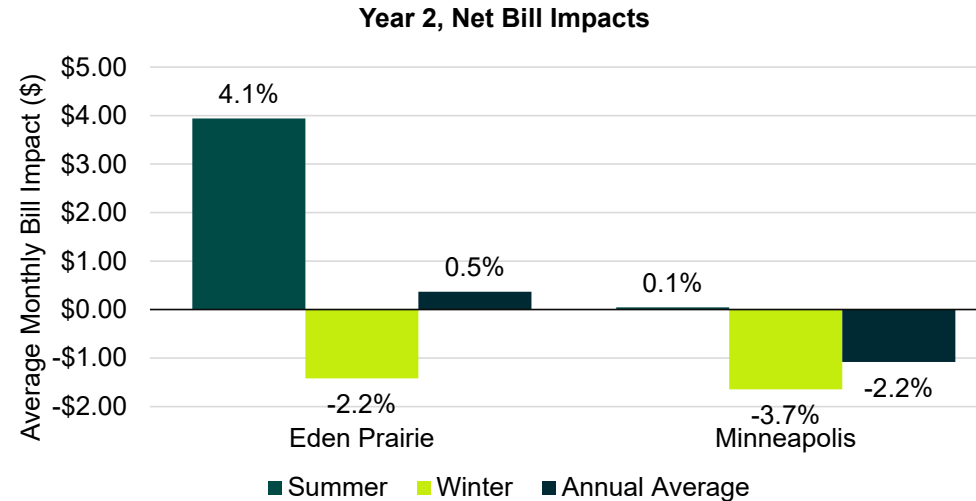
- On average, the net energy impacts were small
 - Annual energy consumption increased by 0.2% to 0.5%, with some variation across study areas and year. Equates to an increase in energy consumption of 30kWh or less, on average



MN Flex Pricing Pilot Results Summary

Customer Bill Impacts

- Customer bill impacts were modest. In year two customers in the Eden Prairie area had bill increases of about 0.5% on average, while Minneapolis participants had bill decreases of about 2.2% on average
- High-impact participants in Eden Prairie reduced their average monthly bill by about \$4.



MN Flex Pricing Pilot Results Summary

Highly Engaged Participants

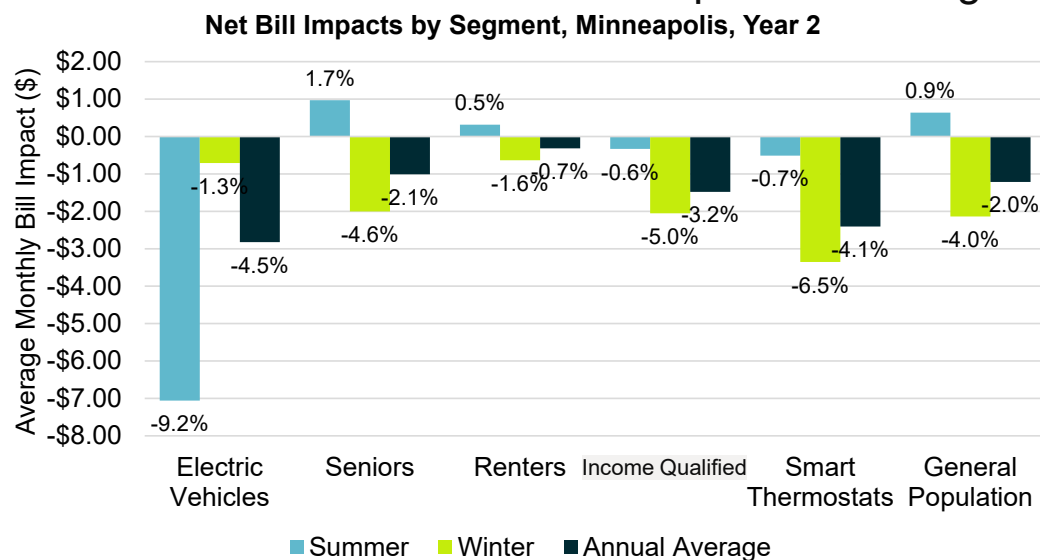
- A small subset of participants account for an outsized share of the estimated on-peak reductions.
 - They delivered summer on-peak reductions greater than 10% of their baseline
 - This group of customers reported a high awareness of the rates, engagement with their energy bills, knowledge of the resources provided the Company, and reported an effort to reduce peak load in response to rate

MN Flex Pricing Pilot Results Summary

Impact on Income Qualified Participants

Income qualified participant impacts were comparable with all other segments, with modest on-peak demand savings and minimal bill impacts.

- Most income qualified customers were in Minneapolis (35% of Minneapolis participants)
- Income qualified customers were more satisfied with the pilot than the general population



MN Flex Pricing Pilot Results Summary

Customer Engagement and Satisfaction

- Customers reported feeling empowered to take at least a moderate level of effort to reduce on-peak consumption.
 - Almost 60% of respondents stated they made at least moderate effort to reduce on-peak consumption
 - Almost 75% of respondents felt they were capable and known what actions to take to manage their on-peak usage
- Most customers correctly understood that rate depended on time-of day, but much less understood how weekends and holidays had an effect
 - 96% of respondents understood that price varied during the day and over 50% understood there were three-periods
 - Customer understanding of rate details increased during the pilot

MN Flex Pricing Pilot Results Summary

Customer Engagement and Satisfaction (cont.)

- Customer feeling of the change in their bill was linked to their satisfaction in the pilot
 - Customers who felt their bill went down were more satisfied
 - Most respondents reported not knowing if their bills were the same, higher, or lower compared to previous seasons.
 - Many customers did report confusions about how the TOU pricing and usage during different periods would affect their monthly bill.
 - This confusion is a known complication but shows that customers still had an opportunity to save money and provides an opportunity to greater educate customers in future.

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Questions or Input?

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10 minute break

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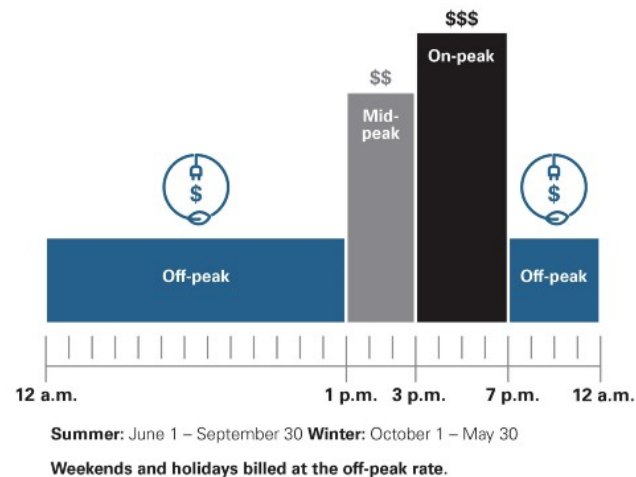
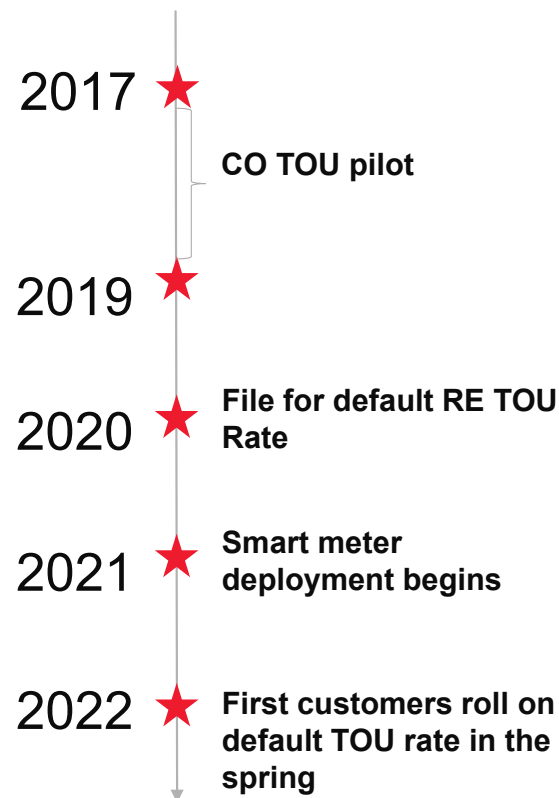
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Dora Irvine
Product Portfolio Manager

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TOU History



Winter Rates			
OCTOBER 1 – MAY 31			
Rate	Off-Peak 18 HOURS 7PM – 1PM	Mid-Peak 2 HOURS 1PM – 3PM	On-Peak 4 HOURS 3PM – 7PM
Time of Use (TOU)	\$0.12/ kWh	\$0.15/ kWh	\$0.19/ kWh
Residential Opt Out	\$0.13/ kWh	\$0.13/ kWh	\$0.13/ kWh

*rates inclusive of riders

CO Omnichannel Experience



Paid Media



Out of Home Media

Social Media



Community Engagement

Email



Bill Inserts

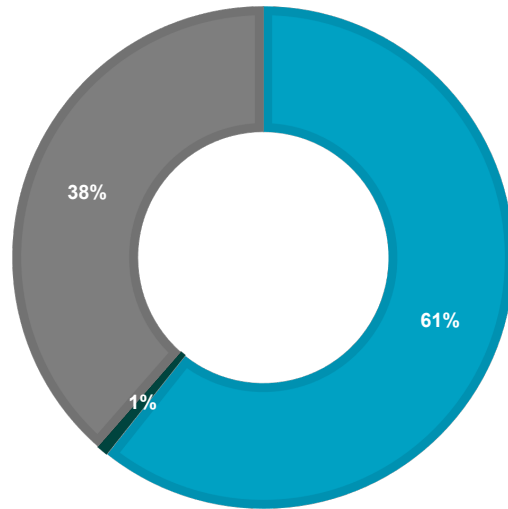
Direct Mail



CO Rate Transition Progress

CO TRANSITION PROGRESS

■ RE-TOU Rate ■ R-OO Rate ■ R Rate

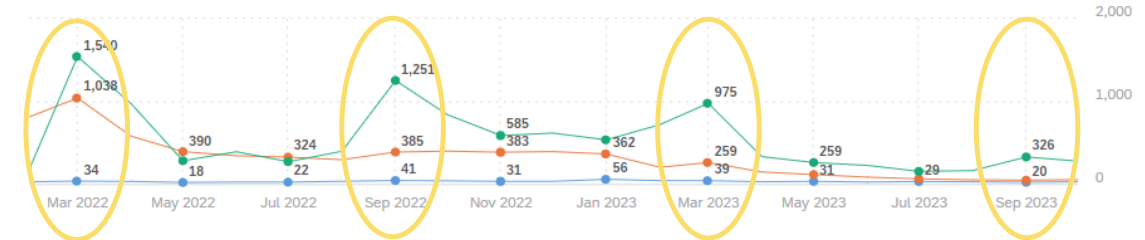


Total Premises per PTJ Logged Dt



● AMI Complaint ● AMI Inquiry ● TOU Rate Opt Out

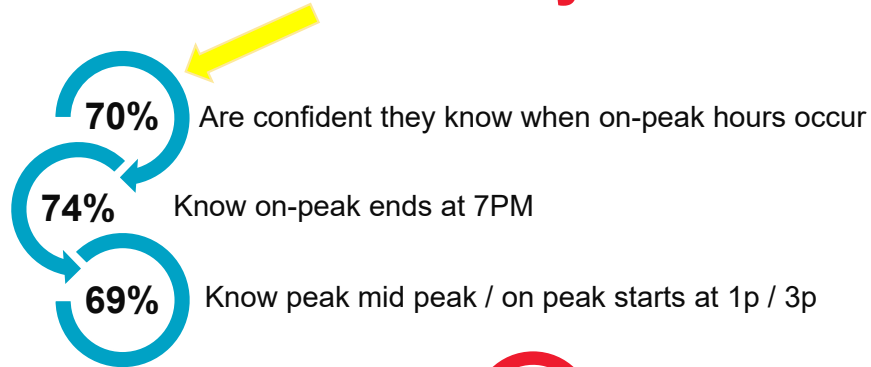
1M 3M 6M YTD 1Y All



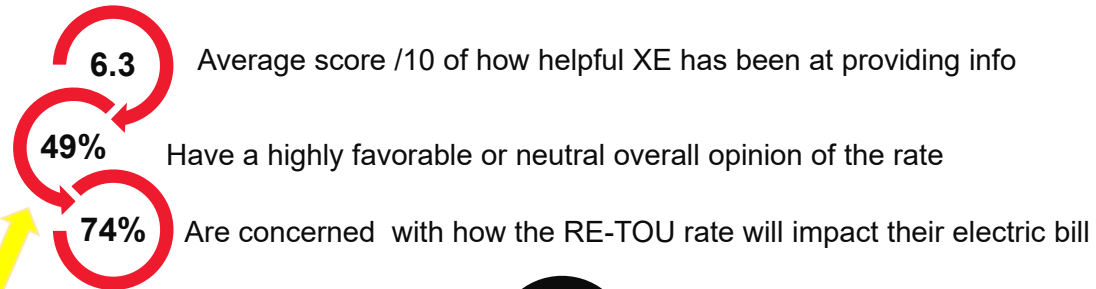
Note: Unique count of residential PSCO premise numbers with PTJ Status of "Complete", by PTJ Subclass Description

CO Customer Survey Results

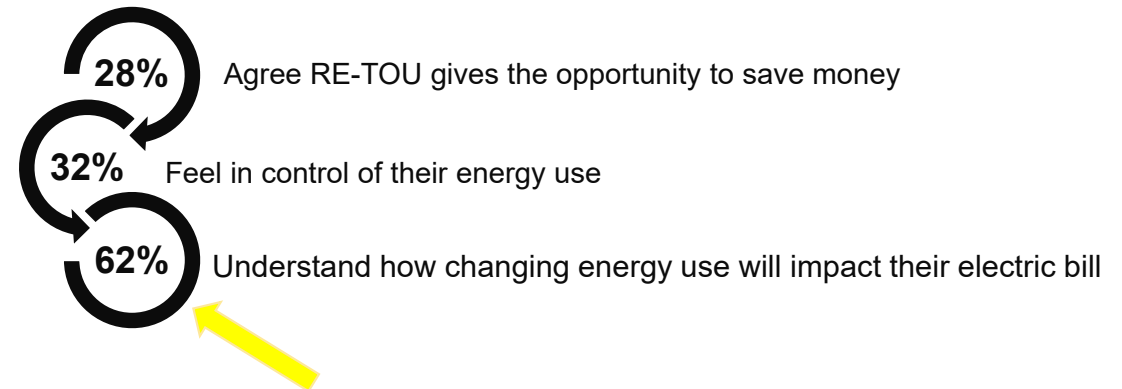
KNOWLEDGE



OPINION



EMPOWER

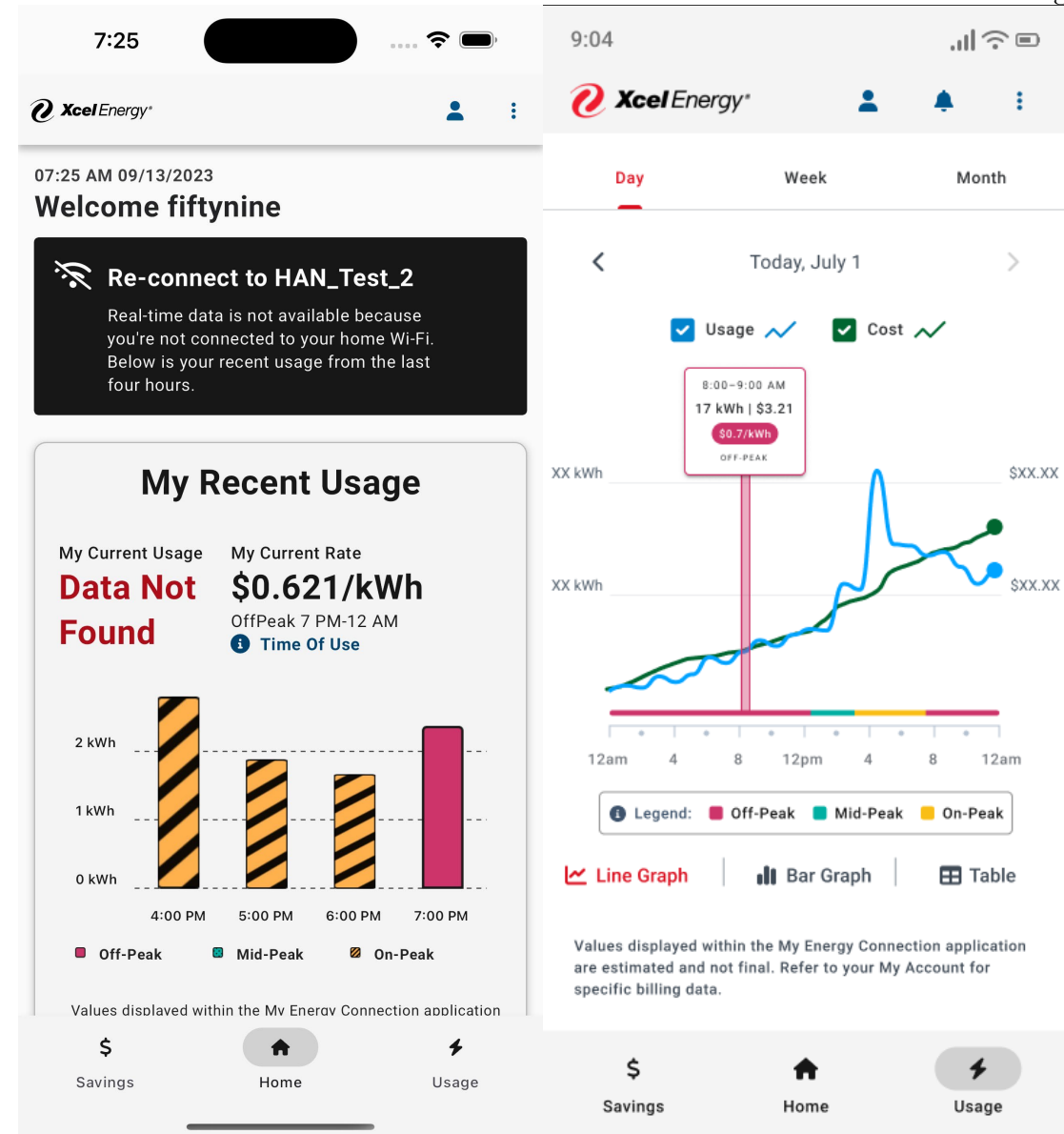


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My Energy Connection (Release 1)

- Onboarding journey (enrollment, meter licensing, Wi-Fi provisioning, app tutorial)
- Real-time in-home (1 second) meter data via the Home Area Network (HAN)
- **Away From home 15-min AMI data**
- **Running total energy usage and cost for that day**
 - Comparison to yesterday for reference
 - Clearly shows if customer is doing better or worse
- **Historical usage and cost graphs (daily, weekly, monthly views)**
- **TOU highlights (if applicable)**
- Actionable savings tips
- Educational energy items in-app

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Nick Paluck
Manager, Regulatory Analysis

Relevant Rate Design Principles

Reasonable opportunity to recover the Company's revenue requirement

- Revenue neutral rates

Pricing continuity

- Rate design modifications should not create rate shock

Make pricing understandable / Simplify tariff offerings

- Eliminate underutilized rate offerings which are also effectively being replaced by 3-Period TOU pricing
- Consistent rate structure all year long

Rate Design Proposal

Update 3-Period TOU pricing based on feedback

- Lower winter pricing levels

Develop Space Heating Pricing

- Set space heating pricing such that the energy charge revenue is equivalent to non-space heating revenue per bill

Eliminate 2-Period Pricing

- 3-period TOU structure eliminate the need for a 2-period structure

Add 3-Period Fuel Prices

- Further differentiates period pricing

Proposed Pricing (in cents per kWh)

	Current		TY2024 (Jan. 1st)		Proposed		Proposed Ratios	
	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter
Default 1-Period Pricing	10.301	8.803	13.069	11.364	13.069	11.364		
Default 1-Period Space Heating	10.301	5.988	13.069	8.215	13.069	6.537		
3-Period TOU								
Peak	22.576	19.266	27.845	24.869	27.845	19.125	7.3	5.0
Mid	9.013	7.515	11.307	9.907	14.824	9.563	3.9	2.5
Off-Peak	2.784	2.784	3.825	3.825	3.825	3.825	1.0	1.0
3-Period TOU Space Heating								
Peak					27.845	8.778	7.3	2.3
Mid					14.824	5.657	3.9	1.5
Off-Peak					3.825	3.825	1.0	1.0

Impact of Proposed Pricing (cents per kWh)

	Proposed		Avg. kWh Use / Month		Energy Charge \$/Bill	
	Summer	Winter	Summer	Winter	Summer	Winter
Default 1-Period Rate	13.069	11.364	674	530	\$88.09	\$60.28
Default 1-Period Space Heating	13.069	6.537	447	922	\$58.38	\$60.28
3-Period TOU						
Peak	27.845	19.125	679	535	\$103.75	\$53.89
Mid	14.824	9.563			17.8%	-10.6%
Off-Peak	3.825	3.825				
3-Period TOU Space Heating						
Peak	27.845	8.778	448	924	\$68.36	\$53.89
Mid	14.824	5.657			17.1%	-10.6%
Off-Peak	3.825	3.825				

Rate Design Proposal

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AGENDA

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Dora Irvine
Product Portfolio Manager

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Flex Pricing Pilot Lessons Learned

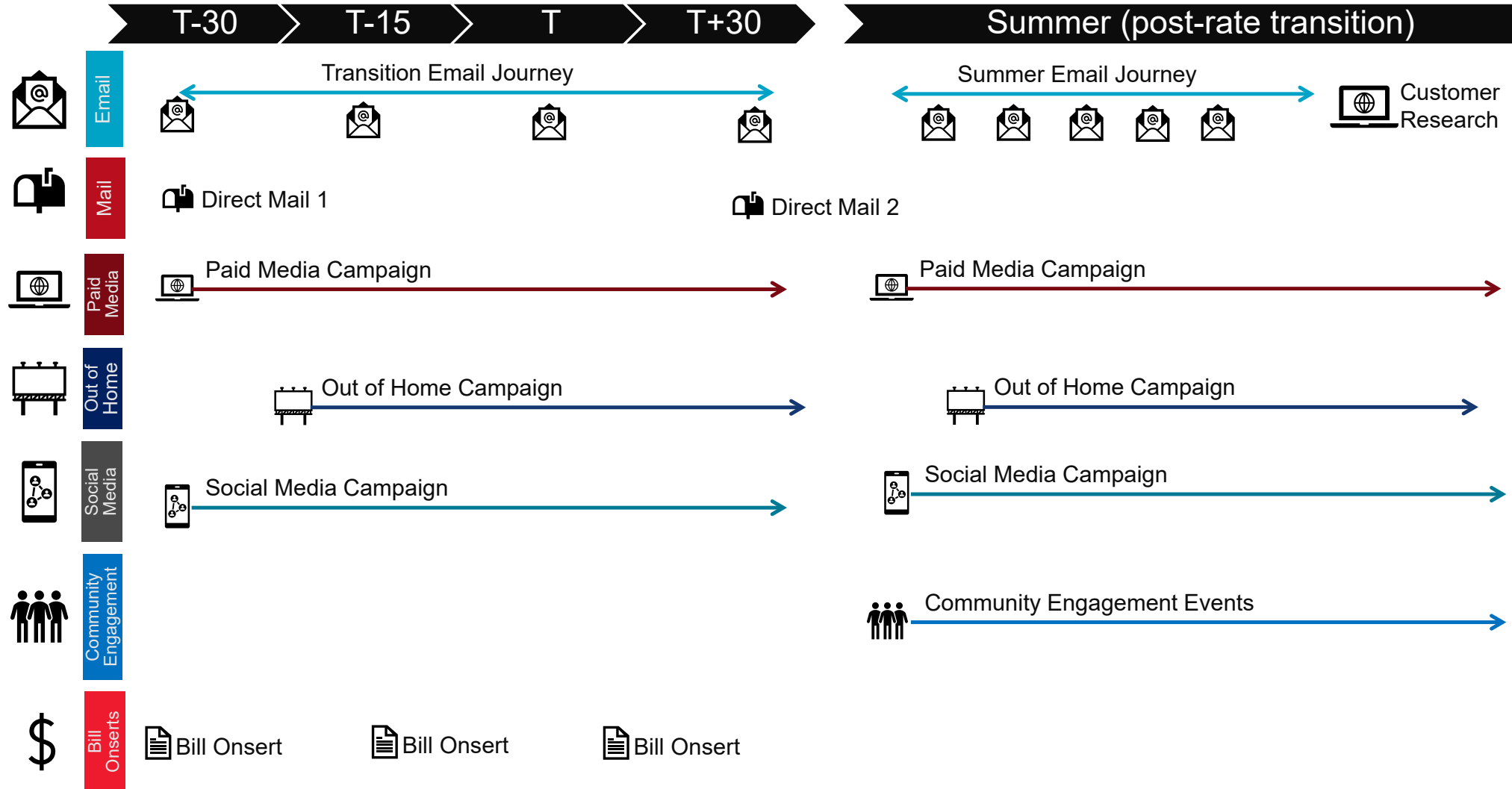
- Partner with place-based organizations
- Partner with multiple organizations
- Simplicity is key in messaging and materials
- In-person conversations are impactful and facilitate direct feedback



LONGFELLOW
COMMUNITY COUNCIL

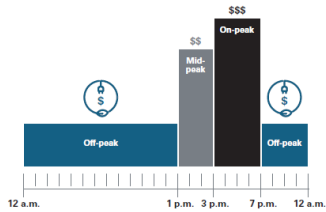


Example CX



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Communication & Education Materials



Start your dishwasher before you go to bed, instead of right after dinner.

Use countertop appliances during weekday evening meal prep instead of your electric stove or electric oven.

Do laundry later in the evening or on weekends instead of weekday afternoons.

TAKE ADVANTAGE OF THE TIME OF USE RATE TO MANAGE YOUR BILL.

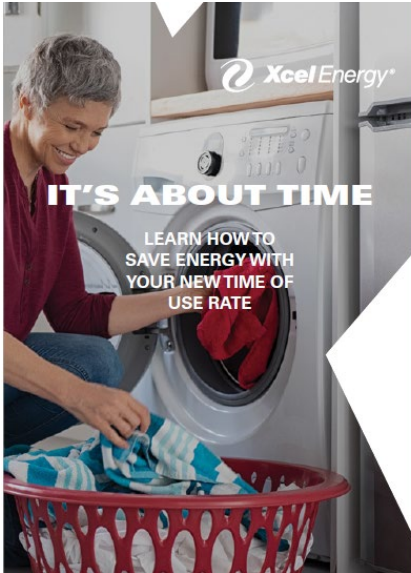
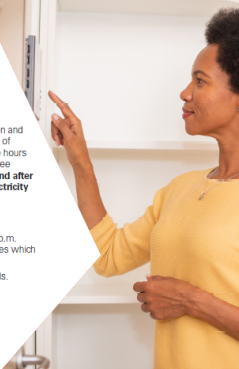
With the Time of Use rate, your electricity bill is calculated based on when and how much electricity you use. The Time of Use rate reflects the true cost of generating and delivering electricity. If you reduce your energy during the hours of 3 p.m. – 7 p.m., you can manage your bill and contribute to a carbon-free future. To maximize your savings, use big appliances before 3 p.m. and after 7 p.m. The off-peak period of 7 p.m. to 1 p.m. is a full 18 hours of electricity delivered at a lower cost.

Make the most of the Time of Use rate by:

- Many appliances have delay start feature and if you run them after 7 p.m. you will reduce costs and take advantage of renewable energy sources which are more abundant over night and in the morning hours.
- Do laundry later in the evenings or on weekends to avoid peak periods.
- Learn more about Time of Use at our website:

xcelenergy.com/TOU

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USE THESE APPLIANCES DURING OFF-PEAK HOURS TO SAVE ENERGY WITH TIME OF USE



Already do these things? Keep it up and you could save money on your energy bill with Time of use.

Want more ways to save? Check out xcelenergy.com/TOU.



With the Time of Use rate, you'll pay less for electricity that you use earlier in the day, later in the evening and overnight, when renewable energy is abundant. To better reflect the real costs to produce electricity, prices will be higher between 3 p.m. and 7 p.m. on weekdays. Mid-peak prices apply on weekdays from 1 p.m. to 3 p.m. (On weekends and holidays, all hours will be on the low, off-peak rate.)

NEW PRICING CAN HELP US BUILD A CLEANER FUTURE TOGETHER

The new Time of Use rate goes into effect for Xcel Energy residential customers with recently installed meters beginning with the bill cycle that includes April 1.

Running your appliances during off-peak hours will provide these benefits on the new rate:

- You'll have more control over your electricity bill.
- You'll help use even more renewable energy.
- You'll help avoid the need to build new power plants in the future.

Want more info on Time of Use? Check out xcelenergy.com/TOU.

NEW TOOLS, NEW INSIGHTS INTO YOUR ENERGY USE.

Within My Account, click the "My Energy" button to see your energy usage in 15 minute increments. With this tool, you'll be able to find tips to save energy. If you're not already enrolled in My Account, sign up now to access all the new tools. Log in to view your energy, or set a custom budget alert amount. Visit xcelenergy.com/MyAccount to get started.

SCAN THE QR CODE FOR A SHORT VIDEO OVERVIEW



NUEVA TARIFA DE HORARIO DE USO

Pronto podrás ver en tu factura tu nuevo plan de precios. Con la tarifa de Horario de Uso (Time of Use), pagarás menos por la energía que consumes en la mañana o durante la noche, pues es cuando hay más energía solar u eólica disponible.

Notarás que los precios de la electricidad desde las 3:00 p.m. hasta las 7:00 p.m. (horas pico) los días de semana son más altos, esto porque los costos de la producción de energía en este periodo de tiempo son más altos.

Cuando consumes energía fuera de las horas pico ahorras dinero en tu factura, consumes energía renovable y así, ayudas a eliminar la construcción de plantas de energía no renovable en el futuro. Para obtener más información, visita xcelenergy.com/TOU.

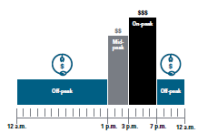
ESCANEE EL CÓDIGO QR PARA UN CORTO DESCRIPCIÓN GENERAL DEL VIDEO.



Plan your Time of Use and save on your energy bill.



Starting with the bill that includes April 1, you'll have a new way to save on your energy bill.



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Communication & Education Materials



In approximately **30 days**, you will be enrolled in the **Time of Use** rate. On this new rate, **electricity costs less during off-peak hours**. When possible, shifting electricity use to this off-peak time will help manage costs.

Holidays and weekends are always billed at the lowest rate.



Get Hassle-free Home Charging
Thinking about an electric vehicle? See how we make it easy to [get set up with a Level 2 charger](#) and save at the same time.

Know someone who may need help paying their energy bills? Connect them to more resources here.

Thousands of households have benefited from **Home Energy Assistance Programs** in the past year. Programs such as [Pay Arrangements](#) can help lower monthly energy costs.

[Learn More](#)

Additional resources can be found at your state's resource page.

30 days prior

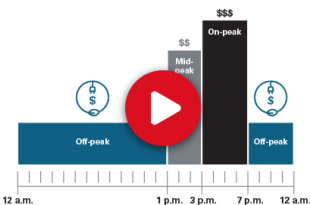


It's About Today...AND Tomorrow...

In about **15 days**, the Time of Use rate goes into effect. TOU offers lower rates on electricity during off-peak hours. Use electricity before 1 p.m. or after 7 p.m. on weekdays to keep some green in your pocket and help the environment.

Weekends and holidays always use the lowest rate—24 hours a day.

Horario de Uso: [Vea el Video](#)



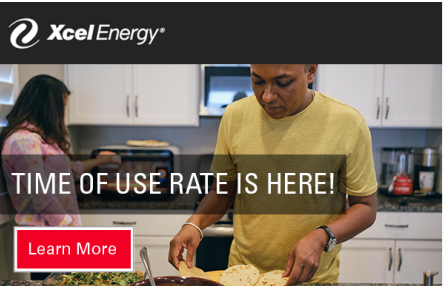
Earn Points. Redeem Gift Cards.

Complete a **Home Energy Assessment** to earn gift card rewards at local retailers. Log into **My Account** and click on "View Usage" to access **"My Energy"**. Complete other activities to earn even more points!

Know Someone Who May Need Help With Their Energy Bills?

Thousands of households have benefited from **Home Energy Assistance Programs** in the past year. Energy Assistance can lower monthly energy costs for those who need it.

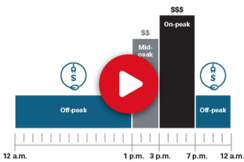
15 days prior



Timing is Everything

New Time of Use rate starts with your current billing cycle.

[Learn more about TOU and why it matters.](#)



Horario de Uso: [Vea el Video](#)

Before 1 p.m. and after 7 p.m. on weekdays you can use **18 hours of off-peak**, lower cost electricity to keep some green in your pocket and help the environment. Holidays and weekdays will offer 24 hours of electricity billed at the lowest rate.

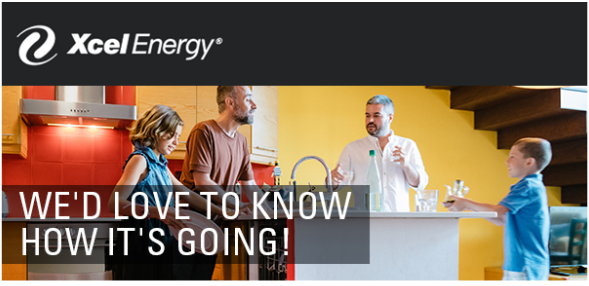


We are a proud industry leader in the goal to net zero carbon emissions by 2050. [Learn more](#) about what we've done, what we're doing and how our vision is fueling a cleaner future.

Know someone who may need help paying their energy bills? We're here to help.

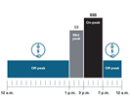
Thousands of households have benefited from **Home Energy Assistance Programs** in the past year. Energy Assistance and Payment programs can lower monthly energy costs.

Day of rate transition



You've been on the Time of Use rate for 30 days now. We'd love your feedback (it won't take long).

[Take Survey](#)



Time of Use rate is a new way to manage your electric usage. During the 18 off-peak hours before 1 p.m. and after 7 p.m. on weekdays, you can use electricity at a lower cost to keep some green in your pocket and use more renewable energy to power your home.

We are a proud industry leader in the goal to net-zero carbon emissions. [Learn more about our vision for supplying clean energy and a green future](#).

Know someone who may need help managing their energy budget? We're here to help.

We have resources from [payment assistance](#) to energy-efficient tips to help conserve energy and lower monthly energy costs.

30 days after rate transition

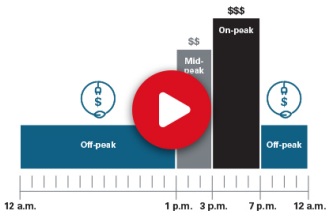
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Sample Education Materials



Timing is Everything Una Guía Para Horario De Uso ▶

When you use electricity is just as important as how much you use.



By consuming electricity during off-peak periods—the 18 hours from 7 p.m. to 1 p.m. the next day—you'll be able to save on your bill, utilize more renewable energy sources and reduce stress on the grid.

The Time of Use (TOU) pricing also more accurately reflects the cost of producing electricity during the time you use it.

Time of Use Mon-Fri Summer Rates▶

Weekends and holidays are billed at the lowest rate.

Households use varying amounts of electricity at different times of the day, so we encourage you to assess how TOU impacts your total energy bill. Learn about the potential cost savings of shifting appliance usage as well as tips to make TOU work for you (especially that air conditioning).

Shifting the usage of larger appliances will have the most impact on your bill, however we understand that Time of Use may not be right for every household. Learn how you can opt out here.

My Energy: Get Insights into Your Energy Usage

Plan how you use electricity. A simple shift to off-peak hours can lower your electricity bill. Not enrolled? [Sign up today ▶](#)

Avoid Surprises with Budget Alerts

Get a monthly alert for your electric bill if you've exceeded your set budget amount. New insights. More control. [Sign up today ▶](#)



Save When You Shift

Savings Tips

Power Down from 3 P.M. -7 P.M.

It can be hard to know where to start when working towards lowering your energy bill. Simple acts, like shifting your heavy appliance usage, can add up to help reduce your electricity bill. Weekends and holidays are billed at the lowest rate.

Summer Savings Start with Your Thermostat

Pre-cooling your home during off-peak hours (before 1 p.m. on weekdays) will have a big impact on your energy bill. The cool air will last through the afternoon and your A/C will work less.

Check out more low-cost to no-cost **savings tips** today.

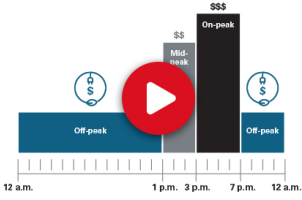
Smart Thermostat

The best (and easiest) tool to help lower your electric bill this summer is using a programmable thermostat. Don't have one? The ecobee thermostat has a setting that will optimize your temperature to save with Time of Use. [Shop now.](#)



Timing is Everything Una Guía Para Horario De Uso ▶

When you use electricity is just as important as how much you use.



By consuming electricity during off-peak periods—the 18 hours from 7 p.m. to 1 p.m. the next day—you'll be able to save on your bill, utilize more renewable energy sources and reduce stress on the grid.

The Time of Use (TOU) pricing also more accurately reflects the cost of producing electricity during the time you use it.

Time of Use Mon-Fri Summer Rates▶

Weekends and holidays are billed at the lowest rate.

Households use varying amounts of electricity at different times of the day, so we encourage you to assess how TOU impacts your total energy bill. Learn about the potential cost savings of shifting appliance usage as well as tips to make TOU work for you (especially that air conditioning).

Shifting the usage of larger appliances will have the most impact on your bill, however we understand that Time of Use may not be right for every household. Learn how you can opt out here.

My Energy: Get Insights into Your Energy Usage

Plan how you use electricity. A simple shift to off-peak hours can lower your electricity bill. Not enrolled? [Sign up today ▶](#)

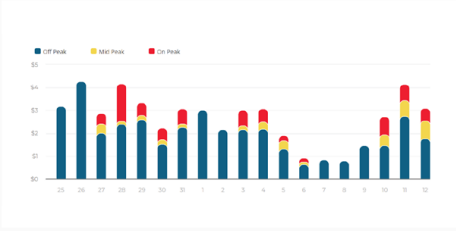
Avoid Surprises with Budget Alerts

Get a monthly alert for your electric bill if you've exceeded your set budget amount. New insights. More control. [Sign up today ▶](#)



Take Advantage of Lower Rates

Your smart meter and the **Time of Use rate** act together to provide insights into your energy usage to help you lower your electricity bill.



The AMI enabled data within **My Account** and **My Energy** highlights both how much and when you use electricity.

A Simple Shift

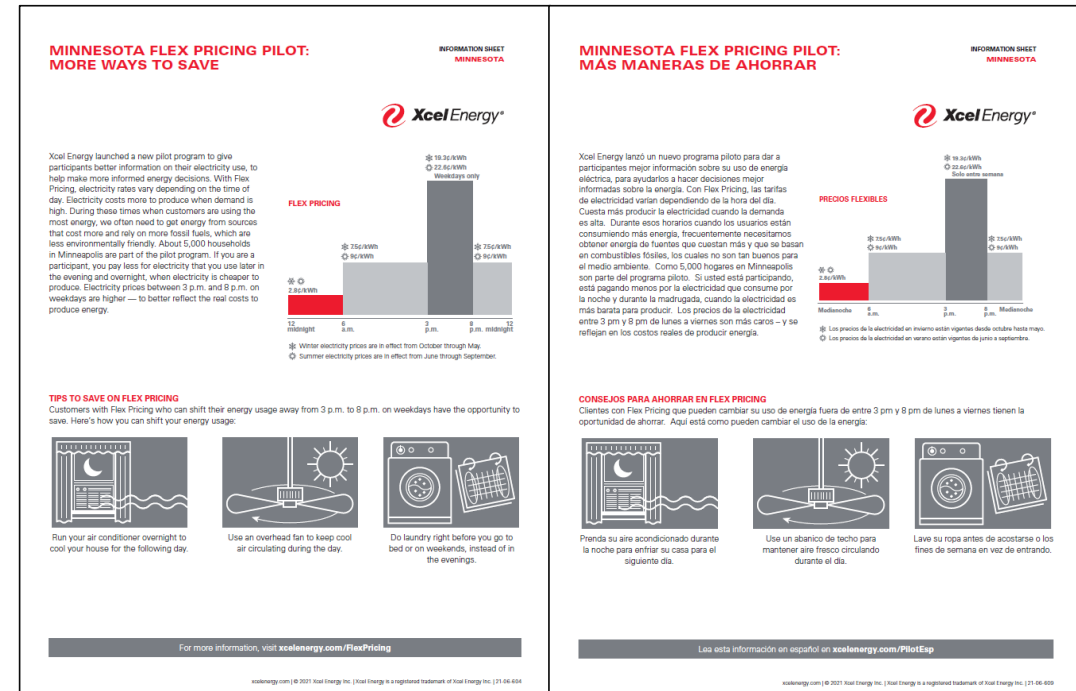
Instead of running your dishwasher at 6 p.m., run it at 7 p.m. The off-peak rate is lower than the opt-out rate and about 1/3rd lower than the on-peak rate.

Become a more energy-savvy electricity user today. Take advantage of the lowest rate by shifting large appliances usage to the weekends or after 7 p.m and before 1 p.m on weekdays.

Stay Cool This Summer

Take advantage of our **energy-saving tips** to stay cool while keeping electricity bills lower. Pre-cool your home outside of peak hours or utilize any of our other tips to increase your energy-efficiency while also staying comfortable this summer.

Sample Education Materials



Northern States Power Company

Questions or Input?

Northern States Power Company

Welcome and Introductions

Background

MN Flex Pricing Pilot Results Summary

CO Residential TOU Rate Experience

Rate Design

Rate Implementation Details

Stakeholder Discussion and Wrap Up

Northern States Power Company

Questions or Input?

Wrap Up

➤ Follow up questions?

Brandon.M.Kirschner@xcelenergy.com

➤ Wait to be escorted up- please return your badge!

Northern States Power Company

THANKS FOR JOINING US!

Northern States Power Company



Residential TOU Proposal - Energy Charge Revenue per Bill

in cents per kWh, unless labeled otherwise

	Proposed		Avg. kWh Use / Month		Energy Charge \$/Bill	
	Summer	Winter	Summer	Winter	Summer	Winter
Default 1-Period Rate	13.069	11.364	674	530	\$88.09	\$60.28
Default 1-Period Space Heating	13.069	6.537	447	922	\$58.38	\$60.28
3-Period TOU						
Peak	27.845	19.125	679	535	\$103.75	\$53.89
Mid	14.824	9.563			17.8%	-10.6%
Off-Peak	3.825	3.825				
3-Period TOU Space Heating						
Peak	27.845	8.780	448	924	\$68.36	\$53.89
Mid	14.824	5.656			17.1%	-10.6%
Off-Peak	3.825	3.825				

Redline

MINNESOTA ELECTRIC RATE BOOK – MPUC NO. 2

**RATE SCHEDULES
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~~46th~~17th Revised Sheet No. TOC-1

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President, Northern States Power Company, a Minnesota corporation				
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RESIDENTIAL SERVICE
RATE CODE A00, A01, A03

Section No. 5
~~32nd~~33rd Revised Sheet No. 1

AVAILABILITY

Available to ~~any~~ residential customer who have opted out of Residential Time of Use Service rate for domestic purposes only in a single private residence and qualifying farm customers.

C

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	<u>Standard</u>	<u>Electric Space Heating</u>
Customer Charge per Month – Water Heating (A00)	\$0.00	N/A
– Overhead (A01)	\$8.00	\$10.00
– Underground (A03)	\$10.00	\$12.00
Energy Charge per kWh		
June - September	\$0.10301	\$0.10301
Other Months	\$0.08803	\$0.05988

INTERIM RATE ADJUSTMENT

An 8.92% Interim Rate Surcharge will be applied to rate components specified in the "Interim Rate Surcharge Rider" to service provided beginning January 1, 2022.

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

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

FUEL CLAUSE

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

RESOURCE ADJUSTMENT

Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER

Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE

Customer Charge.

(Continued on Sheet No. 5-1.1)

Date Filed:	12-14-21 <u>12-22-23</u>	By: Christopher B. Clark	Effective Date:	01-01-22
		President, Northern States Power Company, a Minnesota corporation		
Docket No.	E002/ GR-21-630M-23-		Order Date:	12-23-21

RESIDENTIAL TIME OF USE ~~PILOT PROGRAM~~
SERVICE
RATE CODE A72, A74

Section No. 5
~~2nd~~3rd Revised Sheet No. 4.1

~~PILOT PROGRAM DESIGN~~

~~This is an experimental rate design for the residential Time of Use Pilot Program to be applied for two years from the effective date of this rate schedule. Participating customers will have received Residential Service without electric space heating prior to the Pilot, and may elect a return to the Residential Service rate schedule following the Pilot.~~

AVAILABILITY

~~Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers. A maximum of 10,000 customers will be selected to receive service with this rate schedule. The Company will determine pilot participants that receive service through the Hiawatha West, Midtown, or Westgate substations. Pilot participants will not include customers that are on net metering service or have other interconnected distributed generation on their premise, or customers that also receive Energy Controlled (Non-Demand Metered) Service, Residential Electric Vehicle Service, Limited Off-Peak Service, or customers that are medical equipment dependent. Pilot participants Residential customers may elect to opt out of participation in this Pilot rate for a specific premise. Customers who opt out of the rate will be required to take service under our Residential Service rate.~~

DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. ~~Bill Protection may also apply. Details regarding the specific charges applicable to this service and Bill Protection are listed below.~~

RATE

Customer Charge per Month	<u>Standard</u>	<u>Electric Space Heating</u>
Overhead (A72)	\$8.00	<u>\$6.00</u>
Underground (A74)	\$10.00	<u>\$6.00</u>
Energy Charge per kWh		
June – September		
On-Peak Period	\$0.22576	<u>\$0.27845</u>
Mid-Peak Period	\$0.090430 <u>0.14824</u>	<u>\$0.14824</u>
Off-Peak Period	\$0.02784	<u>\$0.03825</u>
Other Months		
On-Peak Period	\$0.192660 <u>0.19125</u>	<u>\$0.08780</u>
Mid-Peak Period	\$0.075450 <u>0.09563</u>	<u>\$0.05656</u>
Off-Peak Period	\$0.02784	<u>\$0.03825</u>

INTERIM RATE ADJUSTMENT

An 8.92% Interim Rate Surcharge will be applied to rate components specified in the "Interim Rate Surcharge Rider" to service provided beginning January 1, 2022.

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

FUEL CLAUSE

(Continued on Sheet No. 5-4.2)

Date Filed:	12-14-24 <u>12-22-23</u>	By: Christopher B. Clark	Effective Date:	<u>01-01-22</u>
		President, Northern States Power Company, a Minnesota corporation		
Docket No.	E002/ GR-21-630M-23-		Order Date:	<u>12-23-21</u>

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

MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

RESIDENTIAL TIME OF USE ~~PILOT PROGRAM~~
SERVICE
RATE CODE A72, A74

Section No. 5
~~2nd~~3rd Revised Sheet No. 4.1

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

RESOURCE ADJUSTMENT

Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

L

ENVIRONMENTAL IMPROVEMENT RIDER

Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

L

SALES TRUE-UP RIDER

Bills are subject to the adjustments provided for in the Sales True-Up Rider.

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(Continued on Sheet No. 5-4.2)

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By: Christopher B. Clark

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Order Date: ~~12-23-21~~

RESIDENTIAL TIME OF USE ~~PILOT PROGRAM~~
SERVICE (Continued)
RATE CODE A72, A74

Section No. 5
~~1st~~2nd Revised Sheet No. 4.2

~~RESOURCE ADJUSTMENT~~

~~Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.~~

~~ENVIRONMENTAL IMPROVEMENT RIDER~~

~~Bills are subject to the adjustments provided for in the Environmental Improvement Rider.~~

MONTHLY MINIMUM CHARGE

Customer Charge.

SURCHARGE

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

LOW INCOME ENERGY DISCOUNT RIDER

Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE

Any unpaid balance over \$10.00 is subject to a 1.5% late payment charge or \$1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

LOW INCOME ENERGY DISCOUNT

Energy discount is available to qualified low income customers under this schedule subject to the provisions contained in the Low Income Energy Discount Rider.

~~BILL PROTECTION~~

~~Billing charges considered for bill protection will include customer and energy charges, fuel cost charges and if applicable, the Residential Controlled Air Conditioning and Water Heating Rider discounts. Bill protection will be considered only for customers that have been pilot participants at the same residential location for 12 months from the effective date of this rate schedule, based on the first 12 months of participation in the pilot program. Any Pilot program billing charge in excess of 10 percent of the corresponding billing charge that would have been applied had the customer not been a pilot participant will be credited to the customer's account, including any applicable taxes. The bill protection in this paragraph will terminate after the first 12 months of participation in the pilot program.~~

~~Customers that have received LIHEAP assistance within the 12 months prior to participation in the pilot program will have bill protection determined monthly for the first 12 months of pilot participation for any billing charges in excess of the corresponding billing charge that would have been applied had the customer not been a pilot participant. This will be determined on a monthly basis for the first 12 months of pilot participation. For the second 12 months of pilot participation, the bill protection will continue to be provided for these LIHEAP assistance customers for billing charges in excess of 10 percent of the corresponding billing charge on an annual basis for the second 12 months of pilot participation. Customers that start to receive LIHEAP assistance after their participation in the pilot has begun will receive monthly bill protection up to the first 12 month anniversary of the pilot, and shall receive annual bill protection for the second 12 month period of the pilot. Customers who opt out or leave the pilot area will forego the annual protection otherwise offered for this second 12 month period.~~

~~DEFINITION OF PEAK PERIODS~~

~~The Peak period is defined as those hours between 3:00 p.m. and 8:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving~~

(Continued on Sheet No. 5-4.3)

Date Filed: ~~02-01-21~~12-22-23

By: Christopher B. Clark

Effective Date: ~~04-01-21~~

President, Northern States Power Company, a Minnesota corporation

Docket No. E002/M-~~49-68823-~~

Order Date: ~~06-28-21~~

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

MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

RESIDENTIAL TIME OF USE ~~PILOT PROGRAM~~
SERVICE (Continued)
RATE CODE A72, A74

Section No. 5
~~1st~~2nd Revised Sheet No. 4.2

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 Base period is defined as all hours not defined as Peak or Off-Peak periods. The Off-Peak period is defined as those hours between midnight (12:00 a.m.) and 6:00 a.m. every day.

TERMS AND CONDITIONS OF SERVICE

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

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(Continued on Sheet No. 5-4.3)

Date Filed: ~~02-01-21~~12-22-23

By: Christopher B. Clark

Effective Date: ~~04-01-24~~

President, Northern States Power Company, a Minnesota corporation

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Order Date: ~~06-28-24~~

RESIDENTIAL TIME OF USE ~~PILOT PROGRAM~~
SERVICE (Continued)
RATE CODE A72, A74

Section No. 5
~~Original~~ 1st Revised Sheet No. 4.3

~~DEFINITION OF PEAK PERIODS~~

~~The On-Peak period is defined as those hours between 3:00 p.m. and 8:00 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 Mid-Peak period is defined as all hours not defined as On-Peak or Off-Peak periods. The Off-Peak period is defined as those hours between midnight (12:00 a.m.) and 6:00 a.m. every day.~~

~~RESIDENTIAL CONTROLLED AIR-CONDITIONING AND WATER HEATING RIDER~~

~~Customers that received service with the Residential Controlled Air Conditioning and Water Heating Rider in combination with Residential Service prior to participation in the pilot will have a revised discount for Company controlled central air conditioning or electric water heating that is specific to the pilot program. The controlled air conditioning discount is a monthly \$10 credit applied during the billing months of June through September. The controlled electric water heating discount is a monthly \$2 credit during each billing month. Pilot customers will receive these revised credits in place of percent discounts and are subject to all other terms of the Residential Controlled Air Conditioning and Water Heating Rider.~~

~~TERMS AND CONDITIONS OF SERVICE~~

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

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MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

**RESIDENTIAL EV ACCELERATE AT HOME PAY AS YOU GO
SERVICE
RATE CODE A79, A80, AND A81**

Section No. 5
~~2nd~~^{3rd} Revised Sheet No. 7.1

RATE

Customer Charge per Month

Bundled (A80)	\$16.63
Pre-Pay Option/Installation Only (A81) (CLOSED)	\$5.95
BYOC (A79)	\$6.73

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Energy Charge per kWh

June – September

On-Peak Period	\$0.225760 .27845
Mid-Peak Period	\$0.090130 .14824
Off-Peak Period	\$0.027840 .03825

R
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Other Months

On-Peak Period	\$0.192660 .19125
Mid-Peak Period	\$0.075150 .09563
Off-Peak Period	\$0.027840 .03825

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PRE-PAY/INSTALLATION ONLY OPTION

The Pre-Pay/Installation Only Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

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The Company will continue to support existing customers on the Pre-Pay/Installation Only Option, but the Option is closed to new customers.

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BYOC OPTION

Customers choosing the BYOC Service are required to have a Company-contracted electrician perform a site visit and hardwire the charging equipment if needed, and to confirm equipment eligibility and that the equipment is correctly set up for the program. The cost of the site visit is included in the monthly customer charge. Customers choosing the BYOC Service are required to utilize a vehicle charger model that is approved by the Company for use for this rate.

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INTERIM RATE ADJUSTMENT

An 8.92% Interim Rate Surcharge will be applied to rate components specified in the "Interim Rate Surcharge Rider" to service provided beginning January 1, 2022.

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

FUEL CLAUSE

Bills are subject to the adjustments provided for in the Fuel Clause Rider

RESOURCE ADJUSTMENT

Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE

Customer Charge.

SURCHARGE

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

LATE PAYMENT CHARGE

Any unpaid balance over \$10.00 is subject to a 1.5% late payment charge or \$1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

(Continued on Sheet No. 7.2)

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By: Christopher B. Clark

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President, Northern States Power Company, a Minnesota Corporation

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Order Date: ~~10-31-23~~

**RESIDENTIAL ELECTRIC VEHICLE SUBSCRIPTION
PILOT SERVICE (Continued)
RATE CODE A82, A83**

Section No. 5
~~3rd~~^{4th} Revised Sheet No. 8.2

RATE

Customer Charge per Month

General System Energy

Bundled (A82)	\$42.50
Pre-Pay Option (A83)	\$32.65

Renewable Energy (Windsources)

Bundled (A82)	\$45.02
Pre-Pay Option (A83)	\$35.17

Excess ~~On~~ Peak Period Energy Charge per kWh

June - September	\$0.204970 <u>\$0.27845</u>
Other Months	\$0.165080 <u>\$0.19125</u>

Excess Base Period Energy Charge per kWh

<u>June - September</u>	<u>\$0.14824</u>
<u>Other Months</u>	<u>\$0.09563</u>

PRE-PAY OPTION

The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

INTERIM RATE ADJUSTMENT

An 8.92% Interim Rate Surcharge will be applied to rate components specified in the "Interim Rate Surcharge Rider" to service provided beginning January 1, 2022.

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

FUEL CLAUSE

The monthly customer charge includes preset fuel charges for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT

The monthly customer charge includes a preset Resource Adjustment charge for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE

Customer Charge.

SURCHARGE

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

LATE PAYMENT CHARGE

Any unpaid balance over \$10.00 is subject to a 1.5% late payment charge or \$1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

(Continued on Sheet No. 5-8.3)

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MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

**RESIDENTIAL ELECTRIC VEHICLE SUBSCRIPTION
PILOT SERVICE (Continued)
RATE CODE A82, A83**

Section No. 5
~~Original~~ 1st Revised Sheet No. 8.3

DEFINITION OF PEAK PERIODS

The ~~on-peak~~ Peak period is defined as those hours between ~~9:00 a.m.-3:00 p.m.~~ and ~~9:00~~ 8:00 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 Base period is defined as all hours not defined as peak or off-peak periods. The ~~off-peak~~ Off-Peak period is defined as ~~all other hours~~ those hours between midnight (12:00 a.m.) and 6:00 a.m. every day. Definition of ~~on-peak~~ Peak, Base, and ~~off-peak~~ Off-Peak period is subject to change with change in Company's system operating characteristics.

DEFINITION OF EXPECTED AVERAGE ELECTRIC VEHICLE KWH USAGE

The expected average electric vehicle kWh usage is defined as the Company's estimated average monthly EV energy consumption across all pilot participants.

COMMUNICATION COSTS

The Company will maintain separate accounting of the information, education, advertising and promotion costs associated with electric vehicles as provided in Minn. Stat. §216B.1614, subd.2, paragraph (c) 2 by deferring the costs to a tracker account, and will petition the Minnesota Public Utilities Commission to recover the qualifying costs.

TERMS AND CONDITIONS OF SERVICE

1. Residential Electric Vehicle Subscription Pilot Service shall be served through wiring connected to customer's single meter provided for Residential Service. Consumption under this rate schedule will be subtracted from the main meter for purposes of billing customer's non-Electric Vehicle electricity usage.
2. The customer shall supply, at no expense to the Company, premises wiring and a suitable location for connection of charging and associated equipment.
3. Company may require customer to provide access for Company-owned equipment for the recording and wireless communication of energy usage.
4. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditure for facilities necessary to serve this load which would not otherwise be required to serve customer's load.
5. This schedule is also subject to provisions contained in Rules for Application of Residential Rates.
6. Customer must execute an Electric Vehicle Subscription Pilot Service Agreement with the Company.

Date Filed: ~~02-22-19~~ 12-22-23

By: Christopher B. Clark

Effective Date: 10-07-19

President, Northern States Power Company, a Minnesota Corporation

Docket No. E002/M-~~19-186~~ 23-

Order Date: 10-07-19

MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

RULES FOR APPLICATION OF RESIDENTIAL RATES

Section No. 5

~~9th~~10th Revised Sheet No. 13

1. The Residential Service, Residential Time of Day Service and Residential Time of Use ~~Pilot-Program~~Service are the only rates available to residential customers for domestic purposes in a single private residence. Energy Controlled Service (Non-Demand Metered), Limited Off Peak Service, Voluntary Electric Vehicle Charger Service, Electric Vehicle Home Service, Residential Electric Vehicle Pilot Service, Residential Electric Vehicle Subscription Pilot Service and Automatic Protective Lighting Service rate schedules are also available to qualifying residential customers. I
I
C
C
2. Normal service under the Residential Service, Residential Time of Day Service and Residential Time of Use ~~Pilot-Program~~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. If customer is served through more than one meter, each meter will be separately billed. I
3. Electric space heating charges are applicable only when customer's electric space heating equipment is used as customer's primary heating source. Customers with heat pumps are also eligible for the space heating rate. I
C
C
4. Underground service 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.
5. Standby and Supplementary Service is available for any residential customer subject to the provisions in the General Rules and Regulations, Section 2.4. The Company's meter will be ratcheted to measure the flow of power and energy from Company to customer only. I
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. The Residential Service, ~~and~~ Residential Time of Day Service, and Residential Time of Use Service rate schedules are available to farm installations which were served on the separate Farm Service rate schedule prior to its cancellation on November 1, 1988. Residential Service, ~~and~~ Residential Time of Day Service, and Residential Time of Use Service to these qualifying farm customers is limited to 120/240 volts single phase service rendered through one meter. Motors and other equipment which interfere with service to neighboring customers and all transformer type welding machines larger than 25 kilovolt-amperes are not permitted as part of this service. C
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Date Filed: ~~08-20-19~~12-22-23

By: Christopher B. Clark

Effective Date: ~~11-16-20~~

President, Northern States Power Company, a Minnesota corporation

Docket No. E002/M-~~19-559~~23-

Order Date: ~~10-06-20~~

**MULTI-DWELLING UNIT ELECTRIC VEHICLE
SERVICE PILOT
RATE CODE A91, A92, A93**

Section No. 5
~~Original~~ 1st Revised Sheet No. 52.4

AVAILABILITY

Available while the Pilot is in effect to Multi-Dwelling Unit site hosts for service only to resident electric vehicle loads including battery charging and accessory usage for the express purpose of providing charging service to the residents of the site.

CONTRACT

Participants must contract for the service through a Multi-Dwelling Unit Electric Vehicle Service Pilot Customer Service Agreement with the Company. For site hosts participating under both the Shared Parking and Assigned Parking options, the contract will be for 120 months. For EV driver participating under the Assigned Parking option, the contract will be month-to-month.

RENEWABLE ENERGY SUPPLY OPTION

Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (WindsorSource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS

Site host bills shall reflect the standard customer charge, energy charges (if applicable) based on metered kWh usage, plus an optional charger service charge (if applicable). Assigned parking participant bills shall reflect energy charges (if applicable) based on kWh usage measured by their charging equipment, plus the charger service charge. Bills may be subject to a minimum charge based on the monthly customer charge plus optional charger service charge (if applicable). Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Standard Customer Charge Per Month	\$4.95		
Optional Charger Service Charge Per Month Per Port			
Assigned Parking (A91)	\$16.99		
	<u>Group A</u>	<u>Group B</u>	<u>Group C</u>
Shared Parking – Full Service (A93)	\$30.59	\$45.55	\$60.51
Energy Charge per kWh			
<u>June-September</u>			
On-Peak Period	\$0.2257 <u>\$0.27845</u>		
Mid-Peak Period	\$0.0904 <u>\$0.14824</u>		
Off-Peak Period	\$0.0278 <u>\$0.03825</u>		

(Continued on Sheet No. 5-52.5)

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

MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

MULTI-DWELLING UNIT ELECTRIC VEHICLE

SERVICE PILOT (Continued)

RATE CODE A91, A92, A93

Section No. 5

~~1st~~^{2nd} Revised Sheet No. 52.5

RATE (Continued)

Energy Charge per kWh

Other Months

On-Peak Period	\$0.192660 <u>19125</u>
Mid-Peak Period	\$0.075150 <u>09563</u>
Off-Peak Period	\$0.027840 <u>03825</u>

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INTERIM RATE ADJUSTMENT

An 8.92% Interim Rate Surcharge will be applied to rate components specified in the "Interim Rate Surcharge Rider" to service provided beginning January 1, 2022.

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

FUEL CLAUSE

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

RESOURCE ADJUSTMENT

Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE

Customer Charge plus Optional Charger Service (if applicable).

SURCHARGE

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

LATE PAYMENT CHARGE

Any unpaid balance over \$10.00 is subject to a 1.5% late payment charge or \$1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS

The On-Peak period is defined as those hours between 3:00 p.m. and 8:00 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 Mid-Peak period is defined as all hours not defined as On-Peak or Off-Peak periods. The Off-Peak period is defined as those hours between midnight (12:00 a.m.) and 6:00 a.m. every day.

TERMS AND CONDITIONS OF SERVICE

1. Multi-dwelling unit electric vehicle service shall be separately served and metered and must at no time be connected to facilities serving site host's other loads. Metering may be installed as a sub-meter behind the site host's main meter, in which case consumption under this rate schedule will be subtracted from the main meter for purposes of billing site host's non-electric vehicle electricity usage.

(Continued on Sheet No. 5-52.6)

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Docket No. E002/~~GR-21-630M-23-~~

Order Date: ~~12-23-24~~

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MINNESOTA ELECTRIC RATE BOOK – MPUC NO. 2

**RATE SCHEDULES
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17th Revised Sheet No. TOC-1

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(Continued on Sheet No. TOC-2)

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MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

**RESIDENTIAL SERVICE
RATE CODE A00, A01, A03**

Section No. 5
33rd Revised Sheet No. 1

AVAILABILITY

Available to residential customer who have opted out of Residential Time of Use Service rate for domestic purposes only in a single private residence and qualifying farm customers.

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DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

	<u>Standard</u>	<u>Electric Space Heating</u>
Customer Charge per Month – Water Heating (A00)	\$0.00	N/A
– Overhead (A01)	\$8.00	\$10.00
– Underground (A03)	\$10.00	\$12.00
Energy Charge per kWh		
June - September	\$0.10301	\$0.10301
Other Months	\$0.08803	\$0.05988

INTERIM RATE ADJUSTMENT

An 8.92% Interim Rate Surcharge will be applied to rate components specified in the "Interim Rate Surcharge Rider" to service provided beginning January 1, 2022.

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

FUEL CLAUSE

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

RESOURCE ADJUSTMENT

Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

ENVIRONMENTAL IMPROVEMENT RIDER

Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

MONTHLY MINIMUM CHARGE

Customer Charge.

(Continued on Sheet No. 5-1.1)

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MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

**RESIDENTIAL TIME OF USE SERVICE
RATE CODE A72, A74**

Section No. 5
3rd Revised Sheet No. 4.1

AVAILABILITY

Available to any residential customer for domestic purposes only in a single private residence and qualifying farm customers. Residential customers may elect to opt out of this rate for a specific premise. Customers who opt out of the rate will be required to take service under our Residential Service rate.

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DETERMINATION OF CUSTOMER BILLS

Customer bills shall reflect energy charges (if applicable) based on customer's kWh usage, plus a customer charge (if applicable), plus demand charges (if applicable) based on customer's kW billing demand as defined below. Bills may be subject to a minimum charge based on the monthly customer charge and / or certain monthly or annual demand charges. Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits.

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RATE

Customer Charge per Month	<u>Standard</u>	<u>Electric Space Heating</u>	N
Overhead (A72)	\$8.00	\$6.00	N
Underground (A74)	\$10.00	\$6.00	N
Energy Charge per kWh			
June – September			N
On-Peak Period	\$0.22576	\$0.27845	RN
Mid-Peak Period	\$0.14824	\$0.14824	N
Off-Peak Period	\$0.02784	\$0.03825	
Other Months			
On-Peak Period	\$0.19125	\$0.08780	RN
Mid-Peak Period	\$0.09563	\$0.05656	RN
Off-Peak Period	\$0.02784	\$0.03825	N

INTERIM RATE ADJUSTMENT

An 8.92% Interim Rate Surcharge will be applied to rate components specified in the "Interim Rate Surcharge Rider" to service provided beginning January 1, 2022.

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

FUEL CLAUSE

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

RESOURCE ADJUSTMENT

Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

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ENVIRONMENTAL IMPROVEMENT RIDER

Bills are subject to the adjustments provided for in the Environmental Improvement Rider.

SALES TRUE-UP RIDER

Bills are subject to the adjustments provided for in the Sales True-Up Rider.

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(Continued on Sheet No. 5-4.2)

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

MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

RESIDENTIAL TIME OF USE SERVICE (Continued)
RATE CODE A72, A74

Section No. 5
2nd Revised Sheet No. 4.2

MONTHLY MINIMUM CHARGE

Customer Charge.

SURCHARGE

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

LOW INCOME ENERGY DISCOUNT RIDER

Bills are subject to the adjustment provided for in the Low Income Energy Discount Rider.

The following are terms and conditions for service under this tariff.

LATE PAYMENT CHARGE

Any unpaid balance over \$10.00 is subject to a 1.5% late payment charge or \$1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

LOW INCOME ENERGY DISCOUNT

Energy discount is available to qualified low income customers under this schedule subject to the provisions contained in the Low Income Energy Discount Rider.

DEFINITION OF PEAK PERIODS

The Peak period is defined as those hours between 3:00 p.m. and 8:00 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 Base period is defined as all hours not defined as Peak or Off-Peak periods. The Off-Peak period is defined as those hours between midnight (12:00 a.m.) and 6:00 a.m. every day.

TERMS AND CONDITIONS OF SERVICE

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

(Continued on Sheet No. 5-4.3)

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MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

RESIDENTIAL TIME OF USE SERVICE (Continued)
RATE CODE A72, A74

Section No. 5
1st Revised Sheet No. 4.3

CANCELED

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MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

**RESIDENTIAL EV ACCELERATE AT HOME PAY AS YOU GO
SERVICE
RATE CODE A79, A80, AND A81**

Section No. 5
3rd Revised Sheet No. 7.1

RATE

Customer Charge per Month

Bundled (A80)	\$16.63
Pre-Pay Option/Installation Only (A81) (CLOSED)	\$5.95
BYOC (A79)	\$6.73

Energy Charge per kWh

June – September	
On-Peak Period	\$0.27845
Mid-Peak Period	\$0.14824
Off-Peak Period	\$0.03825

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Other Months

On-Peak Period	\$0.19125
Mid-Peak Period	\$0.09563
Off-Peak Period	\$0.03825

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PRE-PAY/INSTALLATION ONLY OPTION

The Pre-Pay/Installation Only Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

The Company will continue to support existing customers on the Pre-Pay/Installation Only Option, but the Option is closed to new customers.

BYOC OPTION

Customers choosing the BYOC Service are required to have a Company-contracted electrician perform a site visit and hardwire the charging equipment if needed, and to confirm equipment eligibility and that the equipment is correctly set up for the program. The cost of the site visit is included in the monthly customer charge. Customers choosing the BYOC Service are required to utilize a vehicle charger model that is approved by the Company for use for this rate.

INTERIM RATE ADJUSTMENT

An 8.92% Interim Rate Surcharge will be applied to rate components specified in the "Interim Rate Surcharge Rider" to service provided beginning January 1, 2022.

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

FUEL CLAUSE

Bills are subject to the adjustments provided for in the Fuel Clause Rider

RESOURCE ADJUSTMENT

Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE

Customer Charge.

SURCHARGE

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

LATE PAYMENT CHARGE

Any unpaid balance over \$10.00 is subject to a 1.5% late payment charge or \$1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

(Continued on Sheet No. 7.2)

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**RESIDENTIAL ELECTRIC VEHICLE SUBSCRIPTION
PILOT SERVICE (Continued)
RATE CODE A82, A83**

Section No. 5
4th Revised Sheet No. 8.2

RATE

Customer Charge per Month

General System Energy

Bundled (A82) \$42.50

Pre-Pay Option (A83) \$32.65

Renewable Energy (Windsor)

Bundled (A82) \$45.02

Pre-Pay Option (A83) \$35.17

Excess Peak Period Energy Charge per kWh

June - September \$0.27845

Other Months \$0.19125

Excess Base Period Energy Charge per kWh

June - September \$0.14824

Other Months \$0.09563

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PRE-PAY OPTION

The Pre-Pay Option Customer Charge per Month applies in place of the Bundled Customer Charge per Month to customers that have paid the installed cost of charging equipment to the Company.

INTERIM RATE ADJUSTMENT

An 8.92% Interim Rate Surcharge will be applied to rate components specified in the "Interim Rate Surcharge Rider" to service provided beginning January 1, 2022.

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

FUEL CLAUSE

The monthly customer charge includes preset fuel charges for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Fuel Clause Rider.

RESOURCE ADJUSTMENT

The monthly customer charge includes a preset Resource Adjustment charge for established energy usage during off-peak and on-peak periods. Excess on-peak period energy charges are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE

Customer Charge.

SURCHARGE

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

LATE PAYMENT CHARGE

Any unpaid balance over \$10.00 is subject to a 1.5% late payment charge or \$1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

(Continued on Sheet No. 5-8.3)

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MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

**RESIDENTIAL ELECTRIC VEHICLE SUBSCRIPTION
PILOT SERVICE (Continued)
RATE CODE A82, A83**

Section No. 5
1st Revised Sheet No. 8.3

DEFINITION OF PEAK PERIODS

The Peak period is defined as those hours between 3:00 p.m. and 8:00 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 Base period is defined as all hours not defined as peak or off-peak periods. The Off-Peak period is defined as those hours between midnight (12:00 a.m.) and 6:00 a.m. every day. Definition of Peak, Base, and Off-Peak period is subject to change with change in Company's system operating characteristics.

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DEFINITION OF EXPECTED AVERAGE ELECTRIC VEHICLE KWH USAGE

The expected average electric vehicle kWh usage is defined as the Company's estimated average monthly EV energy consumption across all pilot participants.

COMMUNICATION COSTS

The Company will maintain separate accounting of the information, education, advertising and promotion costs associated with electric vehicles as provided in Minn. Stat. §216B.1614, subd.2, paragraph (c) 2 by deferring the costs to a tracker account, and will petition the Minnesota Public Utilities Commission to recover the qualifying costs.

TERMS AND CONDITIONS OF SERVICE

1. Residential Electric Vehicle Subscription Pilot Service shall be served through wiring connected to customer's single meter provided for Residential Service. Consumption under this rate schedule will be subtracted from the main meter for purposes of billing customer's non-Electric Vehicle electricity usage.
2. The customer shall supply, at no expense to the Company, premises wiring and a suitable location for connection of charging and associated equipment.
3. Company may require customer to provide access for Company-owned equipment for the recording and wireless communication of energy usage.
4. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditure for facilities necessary to serve this load which would not otherwise be required to serve customer's load.
5. This schedule is also subject to provisions contained in Rules for Application of Residential Rates.
6. Customer must execute an Electric Vehicle Subscription Pilot Service Agreement with the Company.

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MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

RULES FOR APPLICATION OF RESIDENTIAL RATES

Section No. 5
10th Revised Sheet No. 13

1. The Residential Service, Residential Time of Day Service and Residential Time of Use Service are the only rates available to residential customers for domestic purposes in a single private residence. Energy Controlled Service (Non-Demand Metered), Limited Off Peak Service, Voluntary Electric Vehicle Charger Service, Electric Vehicle Home Service, Residential Electric Vehicle Pilot Service, Residential Electric Vehicle Subscription Pilot Service and Automatic Protective Lighting Service rate schedules are also available to qualifying residential customers. T
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2. Normal service under the Residential Service, Residential Time of Day Service and Residential Time of Use 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. If customer is served through more than one meter, each meter will be separately billed. T
3. Electric space heating charges are applicable only when customer's electric space heating equipment is used as customer's primary heating source. Customers with heat pumps are also eligible for the space heating rate. T
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4. Underground service 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.
5. Standby and Supplementary Service is available for any residential customer subject to the provisions in the General Rules and Regulations, Section 2.4. The Company's meter will be ratcheted to measure the flow of power and energy from Company to customer only. T
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. The Residential Service, Residential Time of Day Service, and Residential Time of Use Service rate schedules are available to farm installations which were served on the separate Farm Service rate schedule prior to its cancellation on November 1, 1988. Residential Service, Residential Time of Day Service, and Residential Time of Use Service to these qualifying farm customers is limited to 120/240 volts single phase service rendered through one meter. Motors and other equipment which interfere with service to neighboring customers and all transformer type welding machines larger than 25 kilovolt-amperes are not permitted as part of this service. C
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Order Date:

**MULTI-DWELLING UNIT ELECTRIC VEHICLE
SERVICE PILOT
RATE CODE A91, A92, A93**

Section No. 5
1st Revised Sheet No. 52.4

AVAILABILITY

Available while the Pilot is in effect to Multi-Dwelling Unit site hosts for service only to resident electric vehicle loads including battery charging and accessory usage for the express purpose of providing charging service to the residents of the site.

CONTRACT

Participants must contract for the service through a Multi-Dwelling Unit Electric Vehicle Service Pilot Customer Service Agreement with the Company. For site hosts participating under both the Shared Parking and Assigned Parking options, the contract will be for 120 months. For EV driver participating under the Assigned Parking option, the contract will be month-to-month.

RENEWABLE ENERGY SUPPLY OPTION

Customers have the option to elect all or a portion of the supply of electricity under this schedule from renewable energy resources. The renewable energy supply option is available subject to the provisions contained in the Voluntary Renewable and High-Efficiency Energy Purchase (WindsorSource Program) Rider, or other available rate schedule for voluntary renewable energy supply that is applicable.

DETERMINATION OF CUSTOMER BILLS

Site host bills shall reflect the standard customer charge, energy charges (if applicable) based on metered kWh usage, plus an optional charger service charge (if applicable). Assigned parking participant bills shall reflect energy charges (if applicable) based on kWh usage measured by their charging equipment, plus the charger service charge. Bills may be subject to a minimum charge based on the monthly customer charge plus optional charger service charge (if applicable). Bills also include applicable riders, adjustments, surcharges, voltage discounts, and energy credits. Details regarding the specific charges applicable to this service are listed below.

RATE

Standard Customer Charge Per Month \$4.95

Optional Charger Service Charge Per Month Per Port

Assigned Parking (A91) \$16.99

	<u>Group A</u>	<u>Group B</u>	<u>Group C</u>
Shared Parking – Full Service (A93)	\$30.59	\$45.55	\$60.51

Energy Charge per kWh

June-September

On-Peak Period	\$0.27845
Mid-Peak Period	\$0.14824
Off-Peak Period	\$0.03825

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(Continued on Sheet No. 5-52.5)

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Minneapolis, Minnesota 55401

MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

**MULTI-DWELLING UNIT ELECTRIC VEHICLE
SERVICE PILOT (Continued)
RATE CODE A91, A92, A93**

Section No. 5
2nd Revised Sheet No. 52.5

RATE (Continued)

Energy Charge per kWh

Other Months

On-Peak Period	\$0.19125
Mid-Peak Period	\$0.09563
Off-Peak Period	\$0.03825

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INTERIM RATE ADJUSTMENT

An 8.92% Interim Rate Surcharge will be applied to rate components specified in the "Interim Rate Surcharge Rider" to service provided beginning January 1, 2022.

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

FUEL CLAUSE

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

RESOURCE ADJUSTMENT

Bills are subject to the adjustments provided for in the Conservation Improvement Program Adjustment Rider, the State Energy Policy Rate Rider, the Renewable Development Fund Rider, the Transmission Cost Recovery Rider, the Renewable Energy Standard Rider and the Mercury Cost Recovery Rider.

MONTHLY MINIMUM CHARGE

Customer Charge plus Optional Charger Service (if applicable).

SURCHARGE

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

LATE PAYMENT CHARGE

Any unpaid balance over \$10.00 is subject to a 1.5% late payment charge or \$1.00, whichever is greater, after the date due. The charge may be assessed as provided for in the General Rules and Regulations, Section 3.5.

DEFINITION OF PEAK PERIODS

The On-Peak period is defined as those hours between 3:00 p.m. and 8:00 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 Mid-Peak period is defined as all hours not defined as On-Peak or Off-Peak periods. The Off-Peak period is defined as those hours between midnight (12:00 a.m.) and 6:00 a.m. every day.

TERMS AND CONDITIONS OF SERVICE

1. Multi-dwelling unit electric vehicle service shall be separately served and metered and must at no time be connected to facilities serving site host's other loads. Metering may be installed as a sub-meter behind the site host's main meter, in which case consumption under this rate schedule will be subtracted from the main meter for purposes of billing site host's non-electric vehicle electricity usage.

(Continued on Sheet No. 5-52.6)

Date Filed: 12-22-23

By: Christopher B. Clark

Effective Date:

President, Northern States Power Company, a Minnesota corporation

Docket No. E002/M-23-

Order Date:

CERTIFICATE OF SERVICE

I, Joshua DePauw, hereby certify that I have this day served copies of the foregoing document on the attached list of persons.

xx by depositing a true and correct copy thereof, properly enveloped with postage paid in the United States mail at Minneapolis, Minnesota

xx electronic filing

DOCKET NO. Miscellaneous Electric Service List

Dated this 22nd day of December 2023

/s/

Joshua DePauw
Regulatory Administrator

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
James J.	Bertrand	james.bertrand@stinson.com	STINSON LLP	50 S 6th St Ste 2600 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
John	Coffman	john@johncoffman.net	AARP	871 Tuxedo Blvd. St. Louis, MO 63119-2044	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.state.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1400 St. Paul, MN 55101	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
George	Crocker	gwillc@nawo.org	North American Water Office	5093 Keats Avenue Lake Elmo, MN 55042	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Christopher	Droske	christopher.droske@minneapolismn.gov	City of Minneapolis	661 5th Ave N Minneapolis, MN 55405	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
John	Farrell	jfarrell@ilsr.org	Institute for Local Self- Reliance	2720 E. 22nd St Institute for Local Self- Reliance Minneapolis, MN 55406	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Edward	Garvey	edward.garvey@AESLconsulting.com	AESL Consulting	32 Lawton St Saint Paul, MN 55102-2617	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Adam	Heinen	aheinen@dakotaelectric.com	Dakota Electric Association	4300 220th St W Farmington, MN 55024	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Michael	Hoppe	lu23@ibew23.org	Local Union 23, I.B.E.W.	445 Etna Street Ste. 61 St. Paul, MN 55106	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Alan	Jenkins	aj@jenkinsatlaw.com	Jenkins at Law	2950 Yellowtail Ave. Marathon, FL 33050	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Richard	Johnson	Rick.Johnson@lawmoss.com	Moss & Barnett	150 S. 5th Street Suite 1200 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Sarah	Johnson Phillips	sarah.phillips@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Peder	Larson	plarson@larkinhoffman.com	Larkin Hoffman Daly & Lindgren, Ltd.	8300 Norman Center Drive Suite 1000 Bloomington, MN 55437	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Kavita	Maini	kmairi@wi.rr.com	KM Energy Consulting, LLC	961 N Lost Woods Rd Oconomowoc, WI 53066	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 E 7th St St Paul, MN 55106	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Stacy	Miller	stacy.miller@minneapolismn.gov	City of Minneapolis	350 S. 5th Street Room M 301 Minneapolis, MN 55415	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
David	Moeller	dmoeller@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022093	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Andrew	Moratzka	andrew.moratzka@stoel.com	Stoel Rives LLP	33 South Sixth St Ste 4200 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
David	Niles	david.niles@avantenergy.com	Minnesota Municipal Power Agency	220 South Sixth Street Suite 1300 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Carol A.	Overland	overland@legalelectric.org	Legalelectric - Overland Law Office	1110 West Avenue Red Wing, MN 55066	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misl Electric
Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misl Electric
Kevin	Reuther	kreuther@mncenter.org	MN Center for Environmental Advocacy	26 E Exchange St, Ste 206 St. Paul, MN 551011667	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misl Electric
Christine	Schwartz	Regulatory.records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misl Electric
Will	Seuffert	Will.Seuffert@state.mn.us	Public Utilities Commission	121 7th Pl E Ste 350 Saint Paul, MN 55101	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misl Electric
Ken	Smith	ken.smith@districtenergy.com	District Energy St. Paul Inc.	76 W Kellogg Blvd St. Paul, MN 55102	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misl Electric
Byron E.	Starns	byron.starns@stinson.com	STINSON LLP	50 S 6th St Ste 2600 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misl Electric
James M	Strommen	jstrommen@kennedy-graven.com	Kennedy & Graven, Chartered	150 S 5th St Ste 700 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misl Electric
Eric	Swanson	eswanson@winthrop.com	Winthrop & Weinstine	225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misl Electric
Carla	Vita	carla.vita@state.mn.us	MN DEED	Great Northern Building 12th Floor 180 East Fifth Street St. Paul, MN 55101	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misl Electric

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Joseph	Windler	jwindler@winthrop.com	Winthrop & Weinstine	225 South Sixth Street, Suite 3500 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misl Electric
Kurt	Zimmerman	kwz@ibew160.org	Local Union #160, IBEW	2909 Anthony Ln St Anthony Village, MN 55418-3238	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misl Electric
Patrick	Zomer	Pat.Zomer@lawmoss.com	Moss & Barnett PA	150 S 5th St #1200 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misl Electric