



414 Nicollet Mall
Minneapolis, MN 55401

September 23, 2020

—Via Electronic Filing—

Will Seuffert
Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, MN 55101

RE: REPLY COMMENTS
REQUEST FOR APPROVAL OF AGIS INITIATIVE RELATED TARIFF CHANGES
AND A VARIANCE TO COMMISSION RULES
DOCKET NO. E002/M-20-592

Dear Mr. Seuffert:

Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission these Reply Comments in response to Comments received from the Department on September 9, 2020 and the Commission's August 3, 2020 Notice of Comment Period, as modified August 4, 2020.

We have electronically filed this document with the Minnesota Public Utilities Commission, and copies have been served on the parties on the attached service list. Please contact Amber Hedlund at amber.r.hedlund@xcelenergy.com or (612) 337-2268 or me at bria.e.shea@xcelenergy.com or (612) 330-6064 if you have any questions regarding this filing.

Sincerely,

/s/

BRIA SHEA
DIRECTOR, REGULATORY & STRATEGIC ANALYSIS

Enclosures
c: Service List

STATE OF MINNESOTA
BEFORE THE
MINNESOTA PUBLIC UTILITIES COMMISSION

Katie J. Sieben	Chair
Valerie Means	Commissioner
Matthew Schuerger	Commissioner
Joseph K. Sullivan	Commissioner
John A. Tuma	Commissioner

IN THE MATTER OF THE PETITION OF
NORTHERN STATES POWER COMPANY
REQUESTING APPROVAL OF AGIS
INITIATIVE RELATED TARIFF CHANGES
AND A VARIANCE TO COMMISSION RULES

DOCKET NO. E002/M-20-592

REPLY COMMENTS

INTRODUCTION

Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission these Reply Comments in response to Comments received from the Department of Commerce on September 9, 2020 and the Commission's August 3, 2020 Notice of Comment Period.¹

We submitted a Petition seeking two discrete and important approvals that are necessary for our day-one deployment of Advanced Metering Infrastructure (AMI):

- (1) A variance to the Commission's Billing Content Rule, because with AMI, customer bills will be based on interval energy usage information, not the previous and current meter readings required in the Rule, and
- (2) An optional manual meter reading service tariff for customers who do not want a radio-frequency (RF) transmitting AMI meter installed at their homes.

The Commission's Notice requested comments on: (1) whether the Company's AMI Opt-Out Option tariff language and proposed customer charges are reasonable, (2) whether the Company's request for an indefinite variance to the Billing Content Rules meet the standards outlined in Minn. R. 7829.3200, and (3) other issues or concerns related to this matter. The Department was the only party to comment on our Petition.

¹ See also the Commission's August 4, 2020 Notice of Extension.

With respect to our requested variance to the Billing Content Rule, the Department found it reasonable – however, they requested additional information and suggested they may recommend the Commission place certain conditions on the approval based on the additional information we provide. Similarly, on our AMI opt-out proposal, the Department found the framework and charges reasonable. However, the Department recommended the Company withdraw its Petition and refile it after additional information is known regarding several advanced capabilities aspects of our AMI rollout – suggesting that because the Company’s AMI deployment isn’t scheduled to begin until early 2022, that we have time to withdraw and refile our request when the information they seek is available.

This particular Petition is limited in scope and addresses two narrow and practical issues regarding our day-one processes. Once approved, developing these processes will continue to require information systems programming and modification of operational processes – all of which take time. The details the Department requests, on the other hand, about our overall customer communications and the advanced capabilities and our plans for the Home Area Network (HAN) and Distributed Intelligence (DI) go beyond the information needed to assess the reasonableness of the specific solutions our Petition proposes for two practical and fundamental issues. While we are happy to provide the Department and the Commission with additional information about our planned AMI rollout, we expect that to be part of the ongoing process as we move into mass deployment of AMI, and not part of this limited proceeding.

The primary focus of the Petition was to create a path for AMI to comply with billing rules and to present a proposed solution for a small set (approximately 0.5 percent) of our customers who we expect, based on the experience of other utilities, to object to a RF-equipped AMI meter. We believe we have presented sufficient information in this docket for the Commission to consider in assessing our proposal. There is not a wide array of alternatives to AMI that will both allay customer RF concerns and meet our requirements for billing. One might be installing a more limited version of non-standard, non-RF communicating meter, which might be somewhat lower cost. However, we have demonstrated that our proposed costs compare favorably to the industry – and the meter we intend to use for these customers under our proposed AMI Opt-Out Tariff will be equipped with as closely as possible to the equivalent capabilities as our standard AMI meter – however, without the RF communication module.

The Department’s interest, on the other hand, in, for example, customer communication plan details such as whether and when we will tell customers how frequently we are recording their energy usage through the meter (i.e., 5-minute or 15-

minute intervals) goes beyond this petition. Such a matter is part of our mass deployment of meters – and not something unique-to or otherwise relevant to our narrow request for how the interval usage we used to calculate customer bills will be presented on the bill. It is the same case with the future HAN and DI capabilities we have foreshadowed in our overall AMI plans; neither of these are fully developed at this time, and neither is relevant to our request.

Second, while our current deployment plan is to begin installing AMI meters in early 2022 or possibly late 2021, the timing of our Petition for approval of an opt-out framework and variance to the Billing Content Rule was intentional. Whether we start deploying AMI meters in early 2022 or late 2021, information systems programming and supporting business changes are already underway. To the extent we will need to alter enterprise-wide plans to, for example, capture meter register reads that are not needed for billing purposes but are needed to meet a Minnesota-specific billing content rule, there are resource, timeline, and cost implications. We will need to develop the Minnesota-specific information systems requirements and complete the programming to be ready for the first customer who receives an AMI meter – which in the case of our opt-out proposal could be as early as 90 days before we plan to install the first AMI meter. We will also need to build any incremental costs associated with Minnesota-specific requirements into our project plans for cost recovery purposes.

The Department concluded our proposals are reasonable. As a result, the Commission should approve our Petition. To the extent the Department would like to see additional information regarding our AMI and Field Area Network (FAN) projects, we are happy to provide it, but that should not slow down this proceeding.

I. BILLING CONTENT RULE VARIANCE

In summary, we requested a variance to Minn. R. 7820.3500, which governs the content of customer bills and requires utilities to present customers with, among other things, their present and last preceding meter readings on each bill. Our Petition explained that these values will not be relevant to the calculation with customers' bills upon receiving an AMI meter, because we will begin billing customers based on their usage intervals. While finding our requested variance and updates to the standard customer billing forms reasonable, the Department conditioned its recommendation that the Commission approve our request on receipt of additional information that is not relevant to the discrete approval we seek with our Petition.

A. Proposed Changes to the Standard Billing Forms

In the Billing Variance section of the Comments, the Department conditioned its recommendation as to whether the Commission should accept our proposed changes to the standard billing forms on (1) additional information in Reply about the HAN functionality we anticipate, customer access, opt-out/opt-in provisions, timing, and where and when information on that capability will be provided through Commission dockets – including whether the Company believes Commission approval is necessary prior to offering the service, and (2) discussion regarding whether a customer would be informed of how often their meter is being read by the Company – and, if so, how, when, and how often would the customer be informed of any reading interval change.

We are happy to discuss this information in a forum related to HAN capabilities and general customer communications about the transition to AMI. However, this information is not needed to consider the narrow change we propose to the format of our standard billing forms to accommodate interval-based billing.

B. Variance to Minn. R. 7820.3500

As with the billing format proposal, the Department conditioned its full review of our request for a variance from the Commission's Rule that requires utilities to print the meters' previous and current register readings on customer bills – noting that it might recommend the Commission place certain conditions on the approval, based on the additional information the Company provides in Reply, including related to HAN capabilities.

Again, the HAN and its functionality, programs or services the Company might offer in conjunction with the HAN, and any opt-in or opt-out provisions for HAN are unrelated to the Billing Content Rule variance we seek – which again, is to not print current and previous meter register reads on the bills because, with AMI, we will use interval-based usage information for billing and thus register reads will no longer be relevant. We also believe the timing of, and how frequently the Company informs customers of, the intervals it is using for billing purposes is unrelated to the discrete approval we seek with respect to the bill format.

While we can appreciate the Department is interested in broader understanding of our AMI plans, our Petition seeks a narrow variance to the way we will display the usage information we used to bill customers. Minn. R. 7829.3200 provides the criteria for a variance from the Commission's Rules, as follows:

Subp. 1. The commission shall grant a variance to its rules when it determines that the following requirements are met:

- A. enforcement of the rule would impose an excessive burden upon the applicant or others affected by the rule;
- B. granting the variance would not adversely affect the public interest; and
- C. granting the variance would not conflict with standards imposed by law.

When the Company switches customers to AMI meters, the register reads will no longer be used in the calculation of customer bills. As discussed in our Petition in detail, the facts associated with our request meet the criteria for the Rule variance we seek.

Approving our request for an indefinite variance from Minn. R. 7826.3500 Billing Content is in the public interest and meets the Commission criteria for a variance from its Rules. HAN capabilities and plans, and customer communication parameters or requirements belong in a proceeding where the Commission examines our broader AMI implementation plans, which we expect to provide in conjunction with our AMI and FAN cost recovery request later this year.

Delaying a decision on this variance request until the Company can detail its plans for HAN capabilities and plans will create additional costs, risks and potentially delays to the Company's AMI implementation. To the extent the Commission desires to accelerate consideration of customer billing-related communication plans associated with our overall AMI deployment, it could do so through a compliance requirement in this docket that requires the Company to include consideration of the Department's questions in our overall AMI customer communication plans.

The Commission has the information it needs in this proceeding to fully consider and approve the bill format change we propose. As such, we request the Commission to approve our request for an indefinite variance to Minn. R. 7826.3500 and approve the updates to the standard billing forms that reflect the change to interval-based billing.

II. OPTIONAL MANUAL METER READING SERVICE (AMI OPT-OUT) TARIFF

Our Petition requested approval of an optional Tariff that would allow customers who do not want a meter with RF communication capabilities at their homes. Because these meters will not have the capability to communicate over the FAN, we will need to manually gather customer usage for billing purposes. Customers will be able to elect this optional service either during the initial AMI deployment, or after the

standard AMI meters are installed. The Tariff we proposed outlines the framework, parameters, and associated customer costs, which we have developed based on the principle of cost-causation.

The Department concluded that the Company's estimated charges are reasonable in relation to the data we provided with our Petition as well as that compiled by the National Conference of State Legislatures. However, the Department also requested details about future HAN and potential DI capabilities, and planned customer communications about those capabilities.

A. Future Distributed Intelligence Capabilities

The primary reason customers opt-out of AMI meters is because of health concerns associated with the RF communication capabilities of the meters. Although we are aware of no scientific basis for these concerns, it is a reality that a small segment of utility customers maintain. We estimate based on other utilities' experience that approximately 0.5 percent of customers will refuse a radio-communicating meter. Therefore, we will need a method to gather their usage information to bill them – without use of RF – starting day one of our imminent implementation of AMI. As such, we initiated sourcing of a non-standard meter that will have the same data *collection* capabilities as AMI meters, but will not have the embedded radio communication module. Without the radio communication module, the meter will not have the ability to communicate customer usage or any other information such as power outage alerts to the Company over the FAN. The optional Tariff we proposed supports customer choice to choose a non-RF meter and ensures the additional costs associated with that choice are borne by the cost-causer.

The Department's Comments observe that the proposed opt-out option we put forth in our Petition is voluntary and provides structure and framework around the installation of meters in the early stages of the AMI-roll-out, which is useful for customers and regulators (versus not having terms and conditions set upon initial installation).² The Department also concluded that the framework and set of charges that we have proposed are reasonable.³

While finding our proposal reasonable, the Department characterized it as incomplete without additional information on whether there is the potential for digital opt-out solutions on what it termed an "AMI-DI" meter, and if those solutions are lower cost. The Department's comments noted that the DI capabilities of the Itron Riva

² Department Comments at page 5.

³ Department Comments at page 12.

Generation 4.2 AMI meters we have selected for our mass implementation are unlike any AMI proposal put forth previously in Minnesota and are industry-leading. The Department requested information about the DI-related capabilities of the AMI meters, costs to develop and operate a DI application that would allow the AMI meter to function as a traditional, monthly-read meter, and a discussion of other opt-out customer options considered and rejected.

We are happy to provide more information about DI as part of our ongoing overall AMI dialogue. However, the reason customers opt-out of AMI is because they do not want a RF-communicating device on their homes, mostly for health reasons, but in some cases also due to privacy concerns. While interesting, the potential future DI capabilities we may be able to develop around additional opt-out options is just that – future potential, and thus is not a practical solution to the immediate issue we face for day one deployment. As for other options considered, as we have noted there really is not a wide array of options. We believe our planned approach of providing essentially the same meter/a meter with the same data capabilities as the AMI meters will create operational efficiencies and support these customers’ ability to participate in time-of-use or other advanced rates – both of which are in the public interest.

Specific DI functionalities are in the development stage and part of our longer-term customer strategy and roadmap. To the extent we may be able to develop DI functionality in the future that could achieve the desire of this small segment of our customers for a no-RF solution for billing-related meter reading, we believe it should be weighed with other DI capabilities that would benefit a greater number of customers. That said, those capabilities are not currently known, and that type of assessment belongs in a different proceeding.

If the Commission agrees that customers should have an option to opt-out of an AMI meter, the Department’s observation about the timing is right – an approved framework is needed in advance of AMI implementation. This is also why we submitted our Petition when we did. As such, our Petition is not premature. This timing will affirm a non-RF meter option for customers on day one, allows the Company to finalize its corresponding meter equipment, customer communications, and ready its information systems and processes to implement the approved framework accordingly.

B. Customer Communications

The Department also requested information about planned customer communications regarding the level of information customers would receive pre-installation about the potential uses and capabilities of AMI meters, implications of the Company having

access to customers' "real-time" and potential disaggregated energy usage, and whether there may be potential for a reduced cost opt-out option or options.

First, we have explained that there are limited options today to achieving a customer's desire for a non-RF communicating meter, but that will support the customer's participation in advanced rates or programs that would serve the public interest. Second, the information the Department seeks about our planned customer communications would pertain to all customers, not just those customers opting-out of AMI. As such, these questions belong in the proceeding where we will discuss our overall AMI implementation plans. Third, to the extent the Commission desires additional details about our planned communications to the narrow set of customers who we expect will opt-out of AMI, we are happy to provide additional information in a compliance filing in this docket.

C. Final Non-Standard Meter Costs and Compliance Report

As we explained in our Petition, while we provided illustrative pricing that we believe reasonably approximates the cost of the non-standard AMI meters we will use for this service, the sourcing process will not be complete until Q4 2020. As such, we proposed to submit a compliance filing with updated pricing and Tariff Sheets for this service that reflects the final cost differential of the non-standard meter.

We also proposed a longer-term compliance filing that would serve as a formal review of the pricing for this optional service – approximately one year after AMI is fully deployed. Our goal with this is to ascertain whether the manual meter reading rate aligns with our 0.5 percent take-rate expectations and thus whether the charges are appropriately representative of the incremental costs associated with this optional service. The Department requested we provide additional information in this compliance filing. Specifically, costs and savings resulting from opt-out customers, including information on the actual costs for the non-standard meters, operational costs, and all other incremental changes to revenue associated with AMI opt-out customers. We are happy to include additional information in this compliance filing. We note however, that we are not expecting any savings from this service, because as a manual endeavor, it is a cost-causer. We therefore would expect this compliance filing would compare the monthly meter reading charge in the optional Tariff to our actual meter reading costs, divided by the number of customers opting for the manual meter reading service. For the costs of the non-standard meter installation and removal, we would compare our latest costs for these to those in the Tariff for this service. Finally, we will include a recommendation as to whether we believe any of the Manual Meter Reading Service Tariff cost components should change.

III. OTHER

The Department requested that we provide any updates to the deployment schedule we outlined in our response to Department of Commerce Information Request No. 2, and an updated schedule on the timeline of our time of use (TOU) rate Pilot in Reply Comments, indicating what and how we intend to incorporate TOU Pilot learnings into the 2022 AMI installation plan.

A. Mass AMI Deployment Schedule

First, we clarify that our implementation plans for our mass AMI deployment remain consistent with our response to DOC-2. Deployment is planned to begin in 2022, at the latest, and be complete in 2024. Also as noted previously, the project team continues to review the plan with a goal of accelerating the start of meter deployment to the fourth quarter of 2021.

B. Time of Use Pilot – Flex Pricing

With respect to the status of our Flex Pricing Pilot, we recently filed an update in that docket saying we are moving forward with the pilot on November 1, 2020.⁴ For context, the original April 1, 2020 launch date coincided with state and local efforts to contain the spread of COVID-19. Our September 10, 2020 update to the Commission observed that, since that time, it has become clear that a return to “normal” as we previously understood it is unlikely to happen in the near term. Instead, we might better understand this time as a “new normal” with respect to home energy use. We explained that we had consulted with our community partners about launching the program and are in the process of communicating with pilot customers through bill message, email, and direct mail, as well as through our community relations representatives.

As we have explained, most recently in our 2019 IDP, the purpose of the pilot is not to study the use of AMI meters; AMI technology is proven and widely used by other utilities. The purpose of the TOU Pilot is to study the impact of rigorously designed price signals and technology-enabled data on customer usage patterns to inform future consideration of a broader TOU rate deployment.⁵ The objectives for Flex Pricing are as follows:

- Adequate price signaling to reduce peak demand,
- Explore and identify effective customer engagement strategies,

⁴ See Xcel Energy Letter, Docket No. E002/M-17-775 (September 10, 2020).

⁵ See Xcel Energy 2019 IDP, Attachment M2 at page 36, Docket No. E002/M-19-666 (November 1, 2019).

- Understand customer impacts by segment,
- Support attainment of Demand Response goals, and
- Understand integration of pilot elements in our service territory.

Finally, we note that the AMI meters we are using with the TOU Pilot are different than the meters we selected for mass AMI deployment, because the Riva Generation 4.2 advanced meter will not be ready for installation until 2021. As such, the Flex Pricing pilot has no bearing on our mass AMI implementation nor on the optional Manual Meter Reading Service Tariff we propose in this docket.

C. Error in the Industry Comparison Information

As also noted in Comments, in responding to one of the Department's Information Requests we realized the industry cost comparison information we included in our Petition contained an error. The error was not material to our conclusion that the meter installation and removal and monthly meter reading costs proposed in our Petition are significantly lower than the national averages and reasonable. As noted above, the Department additionally compared them to another source and also concluded they are reasonable. We provide the corrected information below.

Table 1: Monthly Cost Comparison – Industry Average to Xcel Energy Proposed Tariff

Cost Component	Industry Average		Proposed Tariff
	Petition	Corrected	
Monthly Manual Meter Reading	\$30.61	\$25	\$15
Meter Exchange (Installation/Removal)	\$131	\$124	\$40

D. Updated Tariff Sheets

We also noticed that the name of the service we proposed in our Petition was incorrectly reflected on the redline and clean Tariff sheets attached to our Petition. Instead of Manual Meter Reading Service Rider, it read Manual Meter~~ing~~ Reading Service Rider. As such, we provide corrected redline and clean tariff sheets with the corrections noted in **blue** as Attachment A, as follows:

Minnesota Electric Rate Book – MPUC No. 2

Section No. 1, Sheet No. 3, Revision 18
 Section No. 5, Sheet No. TOC-2, Revision 18
 Section No. 5, Original Sheet No. 148

CONCLUSION

We appreciate the opportunity to provide these Reply Comments. We respectfully request the Commission to approve our proposed Manual Meter Reading Service Tariff as supplemented by this Reply.

Dated: September 23, 2020

Northern States Power Company

Redline

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		President, Northern States Power Company, a Minnesota corporation		
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		President, Northern States Power Company, a Minnesota corporation		
Docket No.	E002/M- 48-714 ²⁰⁻		Order Date:	05-09-19

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Effective Date: ~~05-09-19~~

President, Northern States Power Company, a Minnesota corporation

Docket No. E002/M-~~48-714~~20-

Order Date: ~~05-09-19~~

MINNESOTA ELECTRIC RATE BOOK – MPUC NO. 2

RATE SCHEDULES

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By: Christopher B. Clark

Effective Date: ~~08-07-18~~

President, Northern States Power Company, a Minnesota corporation

Docket No. E002/M-~~17-775~~20-

Order Date: ~~08-07-18~~

**MANUAL METERING READING SERVICE RIDER
(AMI OPT-OUT OPTION)**

Section No. 5
Original Sheet No. 148

AVAILABILITY

Available as an option to Residential Service, Residential Time of Day, Small General Service and Small General Time of Day Service customers who elect on-site meter reading service to opt out of energy usage measurements by standard advanced meters with two-way communication capabilities.

RATE

<u>Fixed Charge per Month</u>	<u>\$15.00</u>
<u>Non-Standard Meter Installation Charge</u>	<u>\$40.00</u>
<u>Non-Standard Meter Removal Charge</u>	<u>\$40.00</u>

TERMS AND CONDITIONS OF SERVICE

1. Customers who elect to receive this service will be subject to the Non-Standard Meter Installation Charge upon request for this service.
2. A one-time waiver of the Non-Standard Meter Installation Charge will apply to customers who elect this service prior to the installation of a standard advanced meter at their premise(s) as part of the Company's implementation of Advanced Metering Infrastructure.
3. Customers who cancel this service or vacate the premise where the service was requested will be subject to the Non-Standard Meter Removal Charge.
4. This rider will separately apply to each individual non-standard meter the customer requests be read manually.
5. The Company reserves the right to refuse availability of this rider if the:
 - a. Manual meter reading service would create a safety hazard for the customer, the public, or Company's personnel or facilities.
 - b. Customer does not allow the Company's employees or agents access to the non-standard meter(s) at the customer's premise(s), or
 - c. Customer has a history of meter tampering.
6. Entities such as multi-unit dwelling associations are not authorized to elect this rider on behalf of individually metered customers.
7. Customers electing manual meter reading with this rider may receive bills based on estimated meter readings in any month where circumstances prevent a meter reading.

(Continued on Sheet No. 5-1.1)

Date Filed: 07-10-20

By: Christopher B. Clark

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Docket No.	E002/M-20-		Order Date:

**STANDARD CUSTOMER BILL – INTERVAL
(CONTINUED)**

Section No. 8
Original Sheet No. 2.4



SERVICE ADDRESS	ACCOUNT NUMBER	DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1	MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE
	0123456789	MM/DD/YYYY
		AMOUNT DUE
		\$00.00

SERVICE ADDRESS: 1234 ANY STREET, ANY CITY, MN 00000-0000
NEXT READ DATE: MM/DD/YY

ELECTRICITY SERVICE DETAILS

PREMISES NUMBER: 1234567890
INVOICE NUMBER: 1235689

METER READING INFORMATION		
METER 0000000000	Read Dates: MM/DD/YY- MM/DD/YY (00 Days)	
DESCRIPTION	USAGE TYPE	USAGE
Total Energy	Actual	000 kWh

ELECTRICITY CHARGES

RATE: Residential Service

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Basic Service Chg				\$00.00
City Reg Fac Surchg				\$00.00
Res Savers Switch AC				- \$00.00 CR
Windsource Program	000	kWh	\$0.000000	\$00.00
Energy Charge Summer/Winter	000	kWh	\$0.000000	\$00.00
Low Income Cr Ene Summer/Winter	000	kWh	- \$0.000000	- \$00.00 CR
Low Income Cr Fuel	000	kWh	- \$0.000000	- \$00.00 CR
Environmt Imprvmt Rider	000	kWh	\$0.000000	\$00.00
Fuel Cost Charge	000	kWh	\$0.000000	\$00.00
Affordability Chrg				\$00.00
Resource Adjustment				\$00.00
Interim Rate Adj				\$00.00
Subtotal				\$00.00
City Fees				\$0.00
Transit Improvement Tax			0.000%	\$0.00
City Tax			0.000%	\$0.00
County Tax			0.000%	\$0.00
State Tax			0.000%	\$0.00
Total				\$00.00

CUSTOMER
MESSAGING

CUSTOMER
MESSAGING

(Continued on Sheet No. 8-2.5)

Date Filed: 07-10-20

By: Christopher B. Clark

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**STANDARD CUSTOMER BILL – INTERVAL
(CONTINUED)**

Section No. 8
Original Sheet No. 2.5



SERVICE ADDRESS	ACCOUNT NUMBER		DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1		MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE	AMOUNT DUE
	0123456789	MM/DD/YYYY	\$00.00

INFORMATION ABOUT YOUR BILL

For an average residential customer, ___% of your bill refers to power plant costs, ___% to high voltage line costs and ___% to the cost of local wires connected to your home.

CUSTOMER
MESSAGING

CUSTOMER
MESSAGING

Date Filed: 07-10-20

By: Christopher B. Clark
President, Northern States Power Company, a Minnesota Corporation

Effective Date:

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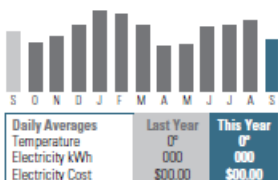
Order Date:

**AUTOMATIC PAYMENT PLAN CUSTOMER BILL –
INTERVAL**

Section No. 8
Original Sheet No. 3.3



YOUR MONTHLY ELECTRICITY USAGE



QUESTIONS ABOUT YOUR BILL?

See our website: xcelenergy.com
Email us at: Customerservice@xcelenergy.com
Call Mon - Fri 7 a.m. - 7 p.m. or Sat 9 a.m. - 5 p.m.
Please Call: 1-800-895-4999
Hearing Impaired: 1-800-895-4949
Español: 1-800-687-8778
Or write us at: XCEL ENERGY
PO BOX 8
EAU CLAIRE WI 54702-0008



NORTHERN STATES POWER COMPANY

SERVICE ADDRESS	ACCOUNT NUMBER	DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1	MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE
	0123456789	MM/DD/YYYY
		AMOUNT DUE
		\$00.00

SUMMARY OF CURRENT CHARGES (detailed charges begin on page 2)

Electricity Service	MM/DD - MM/DD 000 kWh	\$00.00
Current Charges		\$00.00

ACCOUNT BALANCE (Balance de su cuenta)

Previous Balance	As of MM/DD	\$00.00
Payment Received	Auto Pay MM/DD	- \$00.00 CR
Balance Forward		\$00.00
Current Charges		\$00.00
Amount Due (Cantidad a pagar)		\$00.00

INFORMATION ABOUT YOUR BILL

Thank you for your payment.



ACCOUNT NUMBER	DUE DATE	AMOUNT DUE	AMOUNT ENCLOSED
51-1234567890-1	MM/DD/YYYY	\$00.00	Automated Bank Payment

Your bill is paid through an
automated bank payment plan.

NOVEMBER						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

90 FP 1 B 1 1 A 10061 10061 **5 DGT
[Barcode]
JOHN E. CUSTOMER, MARTHA W. CUSTOMER
ADDRESS LINE 2
ADDRESS LINE 3
ADDRESS LINE 4
1234 ANY STREET
ANY CITY, MN 00000-0000

[Barcode]
XCEL ENERGY
P.O. BOX 9477
MPLS, MN 55484-9477

003077310 00977701910003077310324

(Continued on Sheet No. 8-3.4)

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**AUTOMATIC PAYMENT PLAN CUSTOMER BILL –
INTERVAL (CONTINUED)**

Section No. 8
Original Sheet No. 3.4



SERVICE ADDRESS	ACCOUNT NUMBER		DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1		MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE	AMOUNT DUE
	0123456789	MM/DD/YYYY	\$00.00

SERVICE ADDRESS: 1234 ANY STREET, ANY CITY, MN 00000-0000
NEXT READ DATE: MM/DD/YY

ELECTRICITY SERVICE DETAILS

PREMISES NUMBER: 1234567890
INVOICE NUMBER: 1235689

METER READING INFORMATION		
METER 0000000000		
Read Dates: MM/DD/YY- MM/DD/YY (00 Days)		
DESCRIPTION	USAGE TYPE	USAGE
Total Energy	Actual	000 kWh

ELECTRICITY CHARGES

RATE: Residential Service

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Basic Service Chg				\$00.00
City Req Fac Surchg				\$00.00
Res Savers Switch AC				- \$00.00 CR
WindsorSource Program	000	kWh	\$0.000000	\$00.00
Energy Charge Summer/Winter	000	kWh	\$0.000000	\$00.00
Low Income Cr Ene Summer/Winter	000	kWh	- \$0.000000	- \$00.00 CR
Low Income Cr Fuel	000	kWh	- \$0.000000	- \$00.00 CR
Environmt Imprvmt Rider	000	kWh	\$0.000000	\$00.00
Fuel Cost Charge	000	kWh	\$0.000000	\$00.00
Affordability Chrg				\$00.00
Resource Adjustment				\$00.00
Interim Rate Adj				\$00.00
Subtotal				\$00.00
City Fees				\$0.00
Transit Improvement Tax			0.000%	\$0.00
City Tax			0.000%	\$0.00
County Tax			0.000%	\$0.00
State Tax			0.000%	\$0.00
Total				\$00.00

CUSTOMER
MESSAGING

CUSTOMER
MESSAGING

(Continued on Sheet No. 8-3.5)

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**AUTOMATIC PAYMENT PLAN CUSTOMER BILL –
INTERVAL (CONTINUED)**

Section No. 8
Original Sheet No. 3.5



SERVICE ADDRESS	ACCOUNT NUMBER		DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1		MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE	AMOUNT DUE
	0123456789	MM/DD/YYYY	\$00.00

INFORMATION ABOUT YOUR BILL

For an average residential customer, __% of your bill refers to power plant costs, __% to high voltage line costs and __% to the cost of local wires connected to your home.

CUSTOMER
MESSAGING

CUSTOMER
MESSAGING

Date Filed: 07-10-20

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REMINDER NOTICE BILL – INTERVAL (CONTINUED)

Section No. 8
Original Sheet No. 4.4



SERVICE ADDRESS	ACCOUNT NUMBER		DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1		MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE	AMOUNT DUE
	0123456789	MM/DD/YYYY	\$00.00

SERVICE ADDRESS: 1234 ANY STREET, ANY CITY, MN 00000-0000
NEXT READ DATE: MM/DD/YY

ELECTRICITY SERVICE DETAILS

PREMISES NUMBER: 1234567890
INVOICE NUMBER: 1235689

METER READING INFORMATION		
METER 0000000000		
Read Dates: MM/DD/YY- MM/DD/YY (00 Days)		
DESCRIPTION	USAGE TYPE	USAGE
Total Energy	Actual	000 kWh

ELECTRICITY CHARGES

RATE: Residential Service

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Basic Service Chg				\$00.00
City Reg Fac Surchg				\$00.00
Res Savers Switch AC				-\$00.00 CR
WindsorSource Program	000	kWh	\$0.000000	\$00.00
Energy Charge Summer/Winter	000	kWh	\$0.000000	\$00.00
Low Income Cr Ene Summer/Winter	000	kWh	-\$0.000000	-\$00.00 CR
Low Income Cr Fuel	000	kWh	-\$0.000000	-\$00.00 CR
Environmnt Imprvmt Rider	000	kWh	\$0.000000	\$00.00
Fuel Cost Charge	000	kWh	\$0.000000	\$00.00
Affordability Chrg				\$00.00
Resource Adjustment				\$00.00
Interim Rate Adj				\$00.00
Subtotal				\$00.00
City Fees				\$0.00
Transit Improvement Tax			0.000%	\$0.00
City Tax			0.000%	\$0.00
County Tax			0.000%	\$0.00
State Tax			0.000%	\$0.00
Total				\$00.00

CUSTOMER
MESSAGING

CUSTOMER
MESSAGING

(Continued on Sheet No. 8-4.5)

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President, Northern States Power Company, a Minnesota Corporation
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REMINDER NOTICE BILL – INTERVAL (CONTINUED)

Section No. 8
Original Sheet No. 4.5



SERVICE ADDRESS	ACCOUNT NUMBER		DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1		MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE	AMOUNT DUE
	0123456789	MM/DD/YYYY	\$00.00

NON-RECURRING CHARGES / CREDITS DETAILS

DESCRIPTION	CHARGE
Late Charge Assessed	\$00.00
Total	\$00.00

INFORMATION ABOUT YOUR BILL

For an average residential customer, __% of your bill refers to power plant costs, __% to high voltage line costs and __% to the cost of local wires connected to your home.

CUSTOMER
MESSAGING

CUSTOMER
MESSAGING

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CUSTOMER BILLS
TABLE OF CONTENTS

Section No. 8
~~2nd~~3rd Revised Sheet No. TOC

The Company's standard customer billing forms and notices relating to special conditions are described below.
Copies of the forms are shown on the following sheets in the order listed.

<u>Item</u>	<u>Sheet No.</u>	
1. Standard Customer Bill	8-2	<u>I</u>
Standard Customer Bill - Interval	8-2.3	<u>N</u>
2. Automatic Payment Plan Customer Bill	8-3	
Automatic Payment Plan Customer Bill - Interval	8-3.3	<u>N</u>
3. Reminder Notice Bill	8-4	
Reminder Notice Bill - Interval	8-4.3	<u>N</u>
4. Disconnection Notice Bill	8-6	<u>N</u>
5. Standard Billing Form Back	8-7	<u>I</u>

Clean

Northern States Power Company, a Minnesota corporation

Minneapolis, Minnesota 55401

MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

TABLE OF CONTENTS (Continued)

Section No. 1
18th Revised Sheet No. 3

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	Surcharge Rider	5-93
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	Commercial and Industrial Controlled Air Conditioning Rider	5-99
	Off Season Load Rider	5-100
	Standby Service Rider	5-101
	Supplemental Generation Service Rider	5-108
	Tier 1 Energy Controlled Service Rider	5-115
	Revenue Decoupling Mechanism Rider	5-117
	Area Development Rider.	5-119
	Competitive Response Rider	5-122
	Photovoltaic Demand Credit Rider	5-125
	Tier 1 Peak Controlled Short Notice Rider.....	5-126
	City Requested Facilities Surcharge Rider	5-131
	Voluntary Renewable and High-Efficiency Energy	
	Purchase (Windsor Program) Rider	5-134
	WAPA Bill Crediting Program Rider.....	5-135
	Mercury Cost Recovery Rider.....	5-136
	Environmental Improvement Rider	5-137
	Business Incentive and Sustainability Rider	5-139
	State Energy Policy Rate Rider	5-142
	Renewable Development Fund Rider.....	5-143
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	Manual Meter Reading Service Rider (AMI Opt-Out Option)	5-148
	Voluntary Renewable*Connect Rider	5-149
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(Continued on Sheet No. 1-4)

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MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

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18th Revised Sheet No. 4

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	Rate Application	6-8
	Metering and Billing	6-13
	Use of Service Rules	6-18
	Standard Installation and Extension Rules	6-22
	Curtailment or Interruption of Service	6-33
	Company's Rights	6-35
SECTION 7	CONTRACT AND AGREEMENT FORMS	
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	Electric Service Agreement	7-2
	Electric Service Agreement - Peak Controlled Services	7-5
	Automatic Throw-Over/Manual Throw-Over Dual Feeder Agreement	7-9
	WAPA Bill Crediting Program Agreement	7-15
	St. Anthony Falls Upper Lock and Dam	7-36
	Underground Gas and/or Electric Distribution Agreement	7-38
	Overhead Service Form	7-44
	Underground Service Form	7-46
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TABLE OF CONTENTS (Continued)

Section No. 1
12th Revised Sheet No. 5

SECTION 8 CUSTOMER BILLING FORMS AND NOTICES

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Automatic Payment Plan Customer Bill Form - Interval.....	8-3.3
Reminder Notice Bill Form.....	8-4
Reminder Notice Bill Form - Interval.....	8-4.3
Disconnection Notice Bill Form.....	8-6
Standard Billing Form Back	8-7

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SECTION 9 COGENERATION AND SMALL POWER PRODUCTION

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MINNESOTA ELECTRIC RATE BOOK – MPUC NO. 2

RATE SCHEDULES
TABLE OF CONTENTS (Continued)

Section No. 5
18th Revised Sheet No. TOC-2

<u>Item</u>	<u>Sheet No.</u>
<u>RIDER</u>	
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Conservation Improvement Program Adjustment Rider	5-92
Surcharge Rider	5-93
Franchise and Other City Fees	5-93.1
Interim Rate Surcharge Rider	5-94
Low Income Energy Discount Rider	5-95
Residential Controlled Air Conditioning and Water Heating Rider	5-97
Commercial and Industrial Controlled Air Conditioning Rider	5-99
Off Season Load Rider	5-100
Standby Service Rider	5-101
Supplemental Generation Service Rider	5-108
Tier 1 Energy Controlled Service Rider	5-115
Revenue Decoupling Mechanism Rider	5-117
Area Development Rider	5-119
Competitive Response Rider	5-122
Photovoltaic Demand Credit Rider	5-125
Tier 1 Peak Controlled Short Notice Rider	5-126
City Requested Facilities Surcharge Rider	5-131
Voluntary Renewable and High-Efficiency Energy Purchase (Windsor Program) Rider	5-134
WAPA Bill Crediting Program Rider	5-135
Mercury Cost Recovery Rider	5-136
Environmental Improvement Rider	5-137
Business Incentive and Sustainability Rider	5-139
State Energy Policy Rate Rider	5-142
Renewable Development Fund Rider	5-143
Transmission Cost Recovery Rider	5-144
Renewable Energy Standard Rider	5-146
Manual Meter Reading Service Rider (AMI Opt-Out Option)	5-148
Voluntary Renewable*Connect Rider	5-149
Voluntary Renewable*Connect Government Rider	5-154

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**MANUAL METER READING SERVICE RIDER
(AMI OPT-OUT OPTION)**

Section No. 5
Original Sheet No. 148

AVAILABILITY

Available as an option to Residential Service, Residential Time of Day, Small General Service and Small General Time of Day Service customers who elect on-site meter reading service to opt out of energy usage measurements by standard advanced meters with two-way communication capabilities.

RATE

Fixed Charge per Month	\$15.00
Non-Standard Meter Installation Charge	\$40.00
Non-Standard Meter Removal Charge	\$40.00

TERMS AND CONDITIONS OF SERVICE

1. Customers who elect to receive this service will be subject to the Non-Standard Meter Installation Charge upon request for this service.
2. A one-time waiver of the Non-Standard Meter Installation Charge will apply to customers who elect this service prior to the installation of a standard advanced meter at their premise(s) as part of the Company's implementation of Advanced Metering Infrastructure.
3. Customers who cancel this service or vacate the premise where the service was requested will be subject to the Non-Standard Meter Removal Charge.
4. This rider will separately apply to each individual non-standard meter the customer requests be read manually.
5. The Company reserves the right to refuse availability of this rider if the:
 - a. Manual meter reading service would create a safety hazard for the customer, the public, or Company's personnel or facilities,
 - b. Customer does not allow the Company's employees or agents access to the non-standard meter(s) at the customer's premise(s), or
 - c. Customer has a history of meter tampering.
6. Entities such as multi-unit dwelling associations are not authorized to elect this rider on behalf of individually metered customers.
7. Customers electing manual meter reading with this rider may receive bills based on estimated meter readings in any month where circumstances prevent a meter reading.

(Continued on Sheet No. 5-1.1)

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STANDARD CUSTOMER BILL – INTERVAL

Section No. 8
Original Sheet No. 2.3



NORTHERN STATES POWER COMPANY

SERVICE ADDRESS	ACCOUNT NUMBER	DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1	MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE
	0123456789	MM/DD/YYYY
		AMOUNT DUE
		\$00.00

YOUR MONTHLY ELECTRICITY USAGE



Daily Averages	Last Year	This Year
Temperature	0°	0°
Electricity kWh	000	000
Electricity Cost	\$00.00	\$00.00

QUESTIONS ABOUT YOUR BILL?

See our website: xcelenergy.com
Email us at: Customerservice@xcelenergy.com

Call Mon - Fri 7 a.m.-7 p.m. or Sat 9 a.m.-5 p.m.
Please Call: 1-800-895-4999
Hearing Impaired: 1-800-895-4949
Español: 1-800-687-8778

Or write us at: XCEL ENERGY
PO BOX 8
EAU CLAIRE WI 54702-0008



SUMMARY OF CURRENT CHARGES (detailed charges begin on page 2)

Electricity Service	MM/DD - MM/DD 000 kWh	\$00.00
Current Charges		\$00.00

ACCOUNT BALANCE (Balance de su cuenta)

Previous Balance	As of MM/DD	\$00.00
Payment Received	Check MM/DD	- \$00.00 CR
Balance Forward		\$00.00
Current Charges		\$00.00
Amount Due (Cantidad a pagar)		\$00.00

INFORMATION ABOUT YOUR BILL

Thank you for your payment.



ACCOUNT NUMBER	DUE DATE	AMOUNT DUE	AMOUNT ENCLOSED
51-1234567890-1	MM/DD/YYYY	\$0.00	

Please see the back of this bill for more information regarding the late payment charge. Pay on or before the date due to avoid assessment of a late payment charge.
Make your check payable to XCEL ENERGY.

NOVEMBER						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

90 FP 1 B 1 1 A 10061 10061 **5 DGT

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

JOHN E. CUSTOMER, MARTHA W. CUSTOMER
ADDRESS LINE 2
ADDRESS LINE 3
ADDRESS LINE 4
1234 ANY STREET
ANY CITY, MN 00000-0000

XCEL ENERGY
P.O. BOX 9477
MPLS, MN 55484-9477

003077310 00977701910003077310324

(Continued on Sheet No. 8-2.4)

Date Filed: 07-10-20 By: Christopher B. Clark Effective Date:
President, Northern States Power Company, a Minnesota Corporation
Docket No. E002/M-20- Order Date:

**STANDARD CUSTOMER BILL – INTERVAL
(CONTINUED)**

Section No. 8
Original Sheet No. 2.4



SERVICE ADDRESS	ACCOUNT NUMBER	DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1	MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE
	0123456789	MM/DD/YYYY
		AMOUNT DUE
		\$00.00

SERVICE ADDRESS: 1234 ANY STREET, ANY CITY, MN 00000-0000
NEXT READ DATE: MM/DD/YY

ELECTRICITY SERVICE DETAILS

PREMISES NUMBER: 1234567890
INVOICE NUMBER: 1235689

METER READING INFORMATION		
METER 0000000000	Read Dates: MM/DD/YY- MM/DD/YY (00 Days)	
DESCRIPTION	USAGE TYPE	USAGE
Total Energy	Actual	000 kWh

ELECTRICITY CHARGES

RATE: Residential Service

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Basic Service Chg				\$00.00
City Reg Fac Surchg				\$00.00
Res Savers Switch AC				- \$00.00 CR
Windsource Program	000	kWh	\$0.000000	\$00.00
Energy Charge Summer/Winter	000	kWh	\$0.000000	\$00.00
Low Income Cr Ene Summer/Winter	000	kWh	- \$0.000000	- \$00.00 CR
Low Income Cr Fuel	000	kWh	- \$0.000000	- \$00.00 CR
Environmt Imprvmt Rider	000	kWh	\$0.000000	\$00.00
Fuel Cost Charge	000	kWh	\$0.000000	\$00.00
Affordability Chrg				\$00.00
Resource Adjustment				\$00.00
Interim Rate Adj				\$00.00
Subtotal				\$00.00
City Fees				\$0.00
Transit Improvement Tax			0.000%	\$0.00
City Tax			0.000%	\$0.00
County Tax			0.000%	\$0.00
State Tax			0.000%	\$0.00
Total				\$00.00

CUSTOMER
MESSAGING

CUSTOMER
MESSAGING

(Continued on Sheet No. 8-2.5)

Date Filed: 07-10-20

By: Christopher B. Clark

Effective Date:

President, Northern States Power Company, a Minnesota Corporation

Docket No. E002/M-20-

Order Date:

**STANDARD CUSTOMER BILL – INTERVAL
(CONTINUED)**

Section No. 8
Original Sheet No. 2.5



SERVICE ADDRESS	ACCOUNT NUMBER		DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1		MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE	AMOUNT DUE
	0123456789	MM/DD/YYYY	\$00.00

INFORMATION ABOUT YOUR BILL

For an average residential customer, ___% of your bill refers to power plant costs, ___% to high voltage line costs and ___% to the cost of local wires connected to your home.

CUSTOMER
MESSAGING

CUSTOMER
MESSAGING

Date Filed: 07-10-20

By: Christopher B. Clark
President, Northern States Power Company, a Minnesota Corporation

Effective Date:

Docket No. E002/M-20-

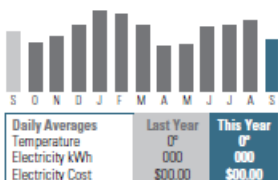
Order Date:

**AUTOMATIC PAYMENT PLAN CUSTOMER BILL –
INTERVAL**

Section No. 8
Original Sheet No. 3.3



YOUR MONTHLY ELECTRICITY USAGE



QUESTIONS ABOUT YOUR BILL?

See our website: xcelenergy.com
Email us at: Customerservice@xcelenergy.com
Call Mon - Fri 7 a.m. - 7 p.m. or Sat 9 a.m. - 5 p.m.
Please Call: 1-800-895-4999
Hearing Impaired: 1-800-895-4949
Español: 1-800-687-8778
Or write us at: XCEL ENERGY
PO BOX 8
EAU CLAIRE WI 54702-0008



NORTHERN STATES POWER COMPANY

SERVICE ADDRESS	ACCOUNT NUMBER	DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1	MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE
	0123456789	MM/DD/YYYY
		AMOUNT DUE
		\$00.00

SUMMARY OF CURRENT CHARGES (detailed charges begin on page 2)

Electricity Service	MM/DD - MM/DD 000 kWh	\$00.00
Current Charges		\$00.00

ACCOUNT BALANCE (Balance de su cuenta)

Previous Balance	As of MM/DD	\$00.00
Payment Received	Auto Pay MM/DD	- \$00.00 CR
Balance Forward		\$00.00
Current Charges		\$00.00
Amount Due (Cantidad a pagar)		\$00.00

INFORMATION ABOUT YOUR BILL

Thank you for your payment.



ACCOUNT NUMBER	DUE DATE	AMOUNT DUE	AMOUNT ENCLOSED
51-1234567890-1	MM/DD/YYYY	\$00.00	Automated Bank Payment

Your bill is paid through an
automated bank payment plan.

NOVEMBER						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

90 FP 1 B 1 1 A 10061 10061 **5 DGT
[Barcode]
JOHN E. CUSTOMER, MARTHA W. CUSTOMER
ADDRESS LINE 2
ADDRESS LINE 3
ADDRESS LINE 4
1234 ANY STREET
ANY CITY, MN 00000-0000

[Barcode]
XCEL ENERGY
P.O. BOX 9477
MPLS, MN 55484-9477

003077310 00977701910003077310324

(Continued on Sheet No. 8-3.4)

Date Filed: 07-10-20

By: Christopher B. Clark
President, Northern States Power Company, a Minnesota Corporation

Effective Date:

Docket No. E002/M-20-

Order Date:

**AUTOMATIC PAYMENT PLAN CUSTOMER BILL –
INTERVAL (CONTINUED)**

Section No. 8
Original Sheet No. 3.4



SERVICE ADDRESS	ACCOUNT NUMBER	DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1	MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE
	0123456789	MM/DD/YYYY
		AMOUNT DUE
		\$00.00

SERVICE ADDRESS: 1234 ANY STREET, ANY CITY, MN 00000-0000
NEXT READ DATE: MM/DD/YY

ELECTRICITY SERVICE DETAILS

PREMISES NUMBER: 1234567890
INVOICE NUMBER: 1235689

METER READING INFORMATION		
METER 0000000000	Read Dates: MM/DD/YY- MM/DD/YY (00 Days)	
DESCRIPTION	USAGE TYPE	USAGE
Total Energy	Actual	000 kWh

ELECTRICITY CHARGES

RATE: Residential Service

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Basic Service Chg				\$00.00
City Reg Fac Surchg				\$00.00
Res Savers Switch AC				- \$00.00 CR
WindsorSource Program	000	kWh	\$0.000000	\$00.00
Energy Charge Summer/Winter	000	kWh	\$0.000000	\$00.00
Low Income Cr Ene Summer/Winter	000	kWh	- \$0.000000	- \$00.00 CR
Low Income Cr Fuel	000	kWh	- \$0.000000	- \$00.00 CR
Environmt Imprvmt Rider	000	kWh	\$0.000000	\$00.00
Fuel Cost Charge	000	kWh	\$0.000000	\$00.00
Affordability Chrg				\$00.00
Resource Adjustment				\$00.00
Interim Rate Adj				\$00.00
Subtotal				\$00.00
City Fees				\$0.00
Transit Improvement Tax			0.000%	\$0.00
City Tax			0.000%	\$0.00
County Tax			0.000%	\$0.00
State Tax			0.000%	\$0.00
Total				\$00.00

CUSTOMER
MESSAGING

CUSTOMER
MESSAGING

(Continued on Sheet No. 8-3.5)

Date Filed: 07-10-20

By: Christopher B. Clark
President, Northern States Power Company, a Minnesota Corporation

Effective Date:

Docket No. E002/M-20-

Order Date:

**AUTOMATIC PAYMENT PLAN CUSTOMER BILL –
INTERVAL (CONTINUED)**

Section No. 8
Original Sheet No. 3.5



SERVICE ADDRESS	ACCOUNT NUMBER		DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1		MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE	AMOUNT DUE
	0123456789	MM/DD/YYYY	\$00.00

INFORMATION ABOUT YOUR BILL

For an average residential customer, __% of your bill refers to power plant costs, __% to high voltage line costs and __% to the cost of local wires connected to your home.

CUSTOMER
MESSAGING

CUSTOMER
MESSAGING

Date Filed: 07-10-20

By: Christopher B. Clark
President, Northern States Power Company, a Minnesota Corporation

Effective Date:

Docket No. E002/M-20-

Order Date:

REMINDER NOTICE BILL – INTERVAL (CONTINUED)

Section No. 8
Original Sheet No. 4.4



SERVICE ADDRESS	ACCOUNT NUMBER		DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1		MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE	AMOUNT DUE
	0123456789	MM/DD/YYYY	\$00.00

SERVICE ADDRESS: 1234 ANY STREET, ANY CITY, MN 00000-0000
NEXT READ DATE: MM/DD/YY

ELECTRICITY SERVICE DETAILS

PREMISES NUMBER: 1234567890
INVOICE NUMBER: 1235689

METER READING INFORMATION		
METER 0000000000	Read Dates: MM/DD/YY- MM/DD/YY (00 Days)	
DESCRIPTION	USAGE TYPE	USAGE
Total Energy	Actual	000 kWh

ELECTRICITY CHARGES

RATE: Residential Service

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Basic Service Chg				\$00.00
City Reg Fac Surchg				\$00.00
Res Savers Switch AC				-\$00.00 CR
WindsorSource Program	000	kWh	\$0.000000	\$00.00
Energy Charge Summer/Winter	000	kWh	\$0.000000	\$00.00
Low Income Cr Ene Summer/Winter	000	kWh	-\$0.000000	-\$00.00 CR
Low Income Cr Fuel	000	kWh	-\$0.000000	-\$00.00 CR
Environmnt Imprvmt Rider	000	kWh	\$0.000000	\$00.00
Fuel Cost Charge	000	kWh	\$0.000000	\$00.00
Affordability Chrg				\$00.00
Resource Adjustment				\$00.00
Interim Rate Adj				\$00.00
Subtotal				\$00.00
City Fees				\$0.00
Transit Improvement Tax			0.000%	\$0.00
City Tax			0.000%	\$0.00
County Tax			0.000%	\$0.00
State Tax			0.000%	\$0.00
Total				\$00.00

CUSTOMER
MESSAGING

CUSTOMER
MESSAGING

(Continued on Sheet No. 8-4.5)

REMINDER NOTICE BILL – INTERVAL (CONTINUED)

Section No. 8
Original Sheet No. 4.5



SERVICE ADDRESS	ACCOUNT NUMBER		DUE DATE
JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 ANY STREET ANY CITY, MN 00000-0000	51-1234567890-1		MM/DD/YYYY
	STATEMENT NUMBER	STATEMENT DATE	AMOUNT DUE
	0123456789	MM/DD/YYYY	\$00.00

NON-RECURRING CHARGES / CREDITS DETAILS

DESCRIPTION	CHARGE
Late Charge Assessed	\$00.00
Total	\$00.00

INFORMATION ABOUT YOUR BILL

For an average residential customer, __% of your bill refers to power plant costs, __% to high voltage line costs and __% to the cost of local wires connected to your home.

CUSTOMER
MESSAGING

CUSTOMER
MESSAGING

Date Filed: 07-10-20

By: Christopher B. Clark
President, Northern States Power Company, a Minnesota Corporation

Effective Date:

Docket No. E002/M-20-

Order Date:

CUSTOMER BILLS
TABLE OF CONTENTS

Section No. 8
3rd Revised Sheet No. TOC

The Company's standard customer billing forms and notices relating to special conditions are described below.
Copies of the forms are shown on the following sheets in the order listed.

<u>Item</u>	<u>Sheet No.</u>	
Standard Customer Bill.....	8-2	T
Standard Customer Bill - Interval.....	8-2.3	N
Automatic Payment Plan Customer Bill	8-3	
Automatic Payment Plan Customer Bill - Interval	8-3.3	N
Reminder Notice Bill	8-4	
Reminder Notice Bill - Interval	8-4.3	N
Disconnection Notice Bill	8-6	
Standard Billing Form Back	8-7	T

CERTIFICATE OF SERVICE

I, Lynnette Sweet, 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. E002/M-20-592

Dated this 23rd day of September 2020

/s/

Lynnette Sweet
Regulatory Administrator

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
David	Aafedt	daafedt@winthrop.com	Winthrop & Weinstine, P.A.	Suite 3500, 225 South Sixth Street Minneapolis, MN 554024629	Electronic Service	No	OFF_SL_20-592_M-20-592
Michael	Allen	michael.allen@allenergysolar.com	All Energy Solar	721 W 26th st Suite 211 Minneapolis, Minnesota 55405	Electronic Service	No	OFF_SL_20-592_M-20-592
David	Amster Olzweski	david@mysunshare.com	SunShare, LLC	1151 Bannock St Denver, CO 80204-8020	Electronic Service	No	OFF_SL_20-592_M-20-592
Ellen	Anderson	ellena@umn.edu	325 Learning and Environmental Sciences	1954 Buford Ave Saint Paul, MN 55108	Electronic Service	No	OFF_SL_20-592_M-20-592
Christopher	Anderson	canderson@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022191	Electronic Service	No	OFF_SL_20-592_M-20-592
Alison C	Archer	aarcher@misoenergy.org	MISO	2985 Ames Crossing Rd Eagan, MN 55121	Electronic Service	No	OFF_SL_20-592_M-20-592
Mara	Ascheman	mara.k.ascheman@xcelenergy.com	Xcel Energy	414 Nicollet Mall Fl 5 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_20-592_M-20-592
Donna	Attanasio	dattanasio@law.gwu.edu	George Washington University	2000 H Street NW Washington, DC 20052	Electronic Service	No	OFF_SL_20-592_M-20-592
John	Bailey	bailey@ilsr.org	Institute For Local Self-Reliance	1313 5th St SE Ste 303 Minneapolis, MN 55414	Electronic Service	No	OFF_SL_20-592_M-20-592
Gail	Baranko	gail.baranko@xcelenergy.com	Xcel Energy	414 Nicollet Mall 7th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_20-592_M-20-592

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Jessica L	Bayles	Jessica.Bayles@stoel.com	Stoel Rives LLP	1150 18th St NW Ste 325 Washington, DC 20036	Electronic Service	No	OFF_SL_20-592_M-20-592
James J.	Bertrand	james.bertrand@stinson.com	STINSON LLP	50 S 6th St Ste 2600 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_20-592_M-20-592
Derek	Bertsch	derek.bertsch@mrenergy.com	Missouri River Energy Services	3724 West Avera Drive PO Box 88920 Sioux Falls, SD 57109-8920	Electronic Service	No	OFF_SL_20-592_M-20-592
William	Black	bblack@mmua.org	MMUA	Suite 400 3025 Harbor Lane North Plymouth, MN 554475142	Electronic Service	No	OFF_SL_20-592_M-20-592
Kenneth	Bradley	kbradley1965@gmail.com		2837 Emerson Ave S Apt CW112 Minneapolis, MN 55408	Electronic Service	No	OFF_SL_20-592_M-20-592
Elizabeth	Brama	ebrama@taftlaw.com	Taft Stettinius & Hollister LLP	2200 IDS Center 80 South 8th Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_20-592_M-20-592
Jon	Brekke	jbrekke@grenergy.com	Great River Energy	12300 Elm Creek Boulevard Maple Grove, MN 553694718	Electronic Service	No	OFF_SL_20-592_M-20-592
Sydney R.	Briggs	sbriggs@swce.coop	Steele-Waseca Cooperative Electric	2411 W. Bridge St PO Box 485 Owatonna, MN 55060-0485	Electronic Service	No	OFF_SL_20-592_M-20-592
Mark B.	Bring	mbring@otpc.com	Otter Tail Power Company	215 South Cascade Street PO Box 496 Fergus Falls, MN 565380496	Electronic Service	No	OFF_SL_20-592_M-20-592

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Christina	Brusven	cbrusven@fredlaw.com	Fredrikson Byron	200 S 6th St Ste 4000 Minneapolis, MN 554021425	Electronic Service	No	OFF_SL_20-592_M-20-592
Michael J.	Bull	mbull@mncee.org	Center for Energy and Environment	212 Third Ave N Ste 560 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_20-592_M-20-592
Jessica	Burdette	jessica.burdette@state.mn.us	Department of Commerce	85 7th Place East Suite 500 St. Paul, MN 55101	Electronic Service	No	OFF_SL_20-592_M-20-592
Jason	Burwen	j.burwen@energystorage.org	Energy Storage Association	1155 15th St NW, Ste 500 Washington, DC 20005	Electronic Service	No	OFF_SL_20-592_M-20-592
LORI	CLOBES	lclobes@mienergy.coop	MiEnergy Cooperative	31110 COOPERATIVE WAY PO BOX 626 RUSHFORD, MN 55971	Electronic Service	No	OFF_SL_20-592_M-20-592
James	Canaday	james.canaday@ag.state.mn.us	Office of the Attorney General-RUD	Suite 1400 445 Minnesota St. St. Paul, MN 55101	Electronic Service	No	OFF_SL_20-592_M-20-592
Douglas M.	Carnival	dmc@mcgrannshea.com	McGrann Shea Carnival Straughn & Lamb	N/A	Electronic Service	No	OFF_SL_20-592_M-20-592
Ray	Choquette	rchoquette@agp.com	Ag Processing Inc.	12700 West Dodge Road PO Box 2047 Omaha, NE 68103-2047	Electronic Service	No	OFF_SL_20-592_M-20-592
John	Coffman	john@johncoffman.net	AARP	871 Tuxedo Blvd. St. Louis, MO 63119-2044	Electronic Service	No	OFF_SL_20-592_M-20-592
Kenneth A.	Colburn	kcolburn@symbioticstrategies.com	Symbiotic Strategies, LLC	26 Winton Road Meredith, NH 32535413	Electronic Service	No	OFF_SL_20-592_M-20-592

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
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	Yes	OFF_SL_20-592_M-20-592
Riley	Conlin	riley.conlin@stoel.com	Stoel Rives LLP	33 S. 6th Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_20-592_M-20-592
George	Crocker	gwille@nawo.org	North American Water Office	PO Box 174 Lake Elmo, MN 55042	Electronic Service	No	OFF_SL_20-592_M-20-592
Arthur	Crowell	Crowell.arthur@yahoo.com	A Work of Art Solar	14333 Orchard Rd. Minnetonka, MN 55345	Electronic Service	No	OFF_SL_20-592_M-20-592
David	Dahlberg	davedahlberg@nweco.com	Northwestern Wisconsin Electric Company	P.O. Box 9 104 South Pine Street Grantsburg, WI 548400009	Electronic Service	No	OFF_SL_20-592_M-20-592
James	Denniston	james.r.denniston@xcenergy.com	Xcel Energy Services, Inc.	414 Nicollet Mall, 401-8 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_20-592_M-20-592
Curt	Dieren	curt.dieren@dgr.com	L&O Power Cooperative	1302 S Union St Rock Rapids, IA 51246	Electronic Service	No	OFF_SL_20-592_M-20-592
Carlton	Doyle Fontaine	carlton.doyle.fontaine@senate.mn	MN Senate	75 Rev Dr Martin Luther King Jr Blvd Room G-17 St Paul, MN 55155	Electronic Service	No	OFF_SL_20-592_M-20-592
Brian	Draxten	bhdraxten@otpc.com	Otter Tail Power Company	P.O. Box 496 215 South Cascade Street Fergus Falls, MN 565380498	Electronic Service	No	OFF_SL_20-592_M-20-592

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Kristen	Eide Tollefson	healingsystems69@gmail.com	R-CURE	28477 N Lake Ave Frontenac, MN 55026-1044	Electronic Service	No	OFF_SL_20-592_M-20-592
Rebecca	Eilers	rebecca.d.eilers@xcelenergy.com	Xcel Energy	414 Nicollet Mall - 401 7th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_20-592_M-20-592
Bob	Eleff	bob.eleff@house.mn	Regulated Industries Cmte	100 Rev Dr Martin Luther King Jr Blvd Room 600 St. Paul, MN 55155	Electronic Service	No	OFF_SL_20-592_M-20-592
Betsy	Engelking	betsy@geronimoenergy.com	Geronimo Energy, LLC	8400 Normandale Lake Blvd Suite 1200 Bloomington, MN 55437	Electronic Service	No	OFF_SL_20-592_M-20-592
Oncu	Er	oncu.er@avantenergy.com	Avant Energy, Agent for MMPA	220 S. Sixth St. Ste. 1300 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_20-592_M-20-592
Jim	Erickson	jim.g.erickson@xcelenergy.com	Xcel Energy	414 Nicollet mall 7th Flr Minneapolis, MN 55401	Electronic Service	No	OFF_SL_20-592_M-20-592
James C.	Erickson	jericksonkbc@gmail.com	Kelly Bay Consulting	17 Quechee St Superior, WI 54880-4421	Electronic Service	No	OFF_SL_20-592_M-20-592
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	OFF_SL_20-592_M-20-592
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_20-592_M-20-592

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Nathan	Franzen	nathan@geronimoenergy.com	Geronimo Energy, LLC	8400 Normandale Lake Blvd Suite 1200 Bloomington, MN 55437	Electronic Service	No	OFF_SL_20-592_M-20-592
Hal	Galvin	halgalvin@comcast.net	Provectus Energy Development llc	1936 Kenwood Parkway Minneapolis, MN 55405	Electronic Service	No	OFF_SL_20-592_M-20-592
Edward	Garvey	edward.garvey@AESLconsulting.com	AESL Consulting	32 Lawton St Saint Paul, MN 55102-2617	Electronic Service	No	OFF_SL_20-592_M-20-592
Edward	Garvey	garveyed@aol.com	Residence	32 Lawton St Saint Paul, MN 55102	Electronic Service	No	OFF_SL_20-592_M-20-592
Bruce	Gerhardson	bgerhardson@otpc.com	Otter Tail Power Company	PO Box 496 215 S Cascade St Fergus Falls, MN 565380496	Electronic Service	No	OFF_SL_20-592_M-20-592
Allen	Gleckner	gleckner@fresh-energy.org	Fresh Energy	408 St. Peter Street Ste 220 Saint Paul, Minnesota 55102	Electronic Service	No	OFF_SL_20-592_M-20-592
Janet	Gonzalez	Janet.gonzalez@state.mn.us	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 55101	Electronic Service	No	OFF_SL_20-592_M-20-592
Timothy	Gulden	timothy.gulden@yahoo.com	Winona Renewable Energy, LLC	1449 Ridgewood Dr Winona, MN 55987	Electronic Service	No	OFF_SL_20-592_M-20-592
Tony	Hainault	anthony.hainault@co.hennepin.mn.us	Hennepin County DES	701 4th Ave S Ste 700 Minneapolis, MN 55415-1842	Electronic Service	No	OFF_SL_20-592_M-20-592
Matt	Harris	matt.b.harris@xcelenergy.com	XCEL ENERGY	401 Nicollet Mall FL 8 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_20-592_M-20-592

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Kim	Havey	kim.havey@minneapolismn.gov	City of Minneapolis	350 South 5th Street, Suite 315M Minneapolis, MN 55415	Electronic Service	No	OFF_SL_20-592_M-20-592
Todd	Headlee	theadlee@dvigridsolutions.com	Dominion Voltage, Inc.	701 E. Cary Street Richmond, VA 23219	Electronic Service	No	OFF_SL_20-592_M-20-592
Amber	Hedlund	amber.r.hedlund@xcelenergy.com	Northern States Power Company dba Xcel Energy-Elec	414 Nicollet Mall, 401-7 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_20-592_M-20-592
Jared	Hendricks	jared.hendricks@owatonnautilities.com	Owatonna Public Utilities	PO Box 800 208 S Walnut Ave Owatonna, MN 55060-2940	Electronic Service	No	OFF_SL_20-592_M-20-592
Annete	Henkel	mui@mutilityinvestors.org	Minnesota Utility Investors	413 Wacouta Street #230 St. Paul, MN 55101	Electronic Service	No	OFF_SL_20-592_M-20-592
Shane	Henriksen	shane.henriksen@enbridge.com	Enbridge Energy Company, Inc.	1409 Hammond Ave FL 2 Superior, WI 54880	Electronic Service	No	OFF_SL_20-592_M-20-592
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First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
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