



414 Nicollet Mall  
Minneapolis, MN 55401

April 1, 2022

**PUBLIC DOCUMENT:  
NOT PUBLIC DATA EXCISED**

**—Via Electronic Filing—**

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

RE: COMPLIANCE FILING  
RENEWABLE\*CONNECT PILOT PROGRAM  
DOCKET NO. E002/M-22-\_\_\_\_\_

Dear Mr. Seuffert:

Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission our Renewable\*Connect pilot program compliance filing and tracker account report in accordance with the Commission's February 27, 2017 Order in Docket No. E002/M-15-985, August 13, 2018 Order in Docket No. E002/M-18-252, and October 12, 2021 Order in Docket No. E002/M-21-234. In addition, we request Commission approval of our revised tariff sheet reflecting the 2023 Neutrality Charge.

Please note that certain portions of our compliance report and attachments to the report have been designated as Trade Secret information pursuant to Minn. Stat. § 13.37, subd. 1(b). In particular, the information designated as Trade Secret relates to production or pricing information in Power Purchase Agreements (PPAs) associated with the Renewable\*Connect program, or data upon which the PPA pricing or production information can be derived. Minn. Stat. § 13.37, subd. 1(b) defines "trade secret information" as data that was supplied to the government: (1) by an affected organization; (2) that took reasonable efforts to maintain its secrecy; and (3) which derives actual or potential independent economic value from it not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use.

The information marked as Trade Secret is also third-party confidential to the third-party owned facilities associated with these PPAs. The Company and the parties to the PPAs have taken care to maintain the secrecy of this information. This information derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use. Also, release of this information would undermine the Company's resource bidding process by providing potential suppliers with a compilation of competitive information that derives independent economic value from not being generally known or ascertainable.

The Minnesota Government Data Practices Act provides that Trade Secret information is nonpublic data (Minn. Stat. § 13.37, subd. 2), and that this nonpublic data may only be released with the consent of the affected organization or ten years after it was initially collected, unless if the data were to be made public and the harm to the public or data subject would outweigh the benefit to the public or to the data subject (Minn. Stat. § 13.03, subd. 8.).

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.

If you have any questions regarding this filing, please contact Pamela Gibbs at 612-330-2889 or [pamela.k.gibbs@xcelenergy.com](mailto:pamela.k.gibbs@xcelenergy.com) or me at (612) 330-5941 or [holly.r.hinman@xcelenergy.com](mailto:holly.r.hinman@xcelenergy.com).

Sincerely,

/s/

HOLLY HINMAN  
REGULATORY MANAGER

Enclosures  
c: Service List

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STATE OF MINNESOTA  
BEFORE THE  
MINNESOTA PUBLIC UTILITIES COMMISSION

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

Chair  
Vice Chair  
Commissioner  
Commissioner  
Commissioner

DOCKET NO. E002/M-22-\_\_\_\_

PETITION OF NORTHERN STATES  
POWER COMPANY FOR APPROVAL OF  
A RENEWABLE\*CONNECT PILOT  
PROGRAM

**ANNUAL COMPLIANCE FILING,  
TRACKER ACCOUNT REPORT, AND  
PROPOSED TARIFF REVISION**

**INTRODUCTION**

Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission our Renewable\*Connect Pilot Program compliance filing and tracker account report in accordance with the Commission's February 27, 2017 Order in Docket No. E002/M-15-985, August 13, 2018 Order in Docket No. E002/M-18-252, and October 12, 2021 Order in Docket No. E002/M-21-234. In addition, we request Commission approval of our revised tariff sheet reflecting the 2023 Neutrality Charge.

As of May 23, 2018, the Renewable\*Connect Pilot Program was 100 percent subscribed. As of December 31, 2021, there were roughly 6,545 customers on the waitlist. We discuss the status of the waitlist in more detail later in this report.

We report the following subscriptions and sales for the Renewable\*Connect Program in 2021:

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**Table 1: Renewable\*Connect Program Subscriptions & Sales**

<b>Customer Class</b>	<b>Number of Subscribers</b>	<b>kWh Sales</b>
Residential	2,647	22,215,301
Small Commercial	35	301,525
Demand Billed	120	155,262,404
<b>Total</b>	<b>2,802</b>	<b>177,779,230</b>

**I. REPORTING REQUIREMENTS**

**A. Compliance Requirements**

This compliance filing covers the Renewable\*Connect Pilot Program activity for the period of January 1, 2021 to December 31, 2021.

As required by Order Point 5 of the February 27, 2017 Order, each annual compliance report shall provide the following data on April 1:

- a. Total number of participants broken down by customer class, and by length of contract (including special events) – See Table 2;
- b. Total wind production – See Table 3;
- c. Total solar production – See Table 3;
- d. Total Renewable\*Connect expenses – See Table 4;
- e. Total Renewable\*Connect Government expenses – See Table 5;
- f. Total Amount collected in Renewable\*Connect charges – See Table 4;
- g. Total Amount collected in Renewable\*Connect Government charges – See Table 5;
- h. The Tracker balances as shown in Attachment H of Xcel’s filing – See Section C and Attachment A;
- i. Monthly comparisons of Renewable\*Connect Pricing for participants with the Fuel Charge for nonparticipant customers – See Section D;
- j. Impact of Renewable\*Connect pilots on all nonparticipant customers – See Section E;
- k. Impact on all Xcel Ratepayers through updates in base rates – See Section F; and
- l. Information on the number of terminations and an accounting of termination fees – See Section G.

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**B. Summary Data (Order Points 5.a. – 5.g.)**

Tables 2, 3, 4, and 5 below summarize some of the key data required by Order Point 5:

**Table 2: Renewable\*Connect Participants by Class and Length of Contract  
(Order Point 5.a.)**

<b>Customer Class</b>	<b>Monthly</b>	<b>5 Year</b>	<b>10 Year</b>	<b>Total</b>
Residential	1,060	1,017	570	2,647
Commercial	12	16	7	35
Demand Billed	27	43	50	120
<b>Total</b>	<b>1,099</b>	<b>1,076</b>	<b>627</b>	<b>2,802</b>

There were no special event subscriptions during the current reporting period.

**Table 3: Renewable\*Connect Wind and Solar Production  
(Order Points 5.b. – 5.c.)**

<b>Resource</b>	<b>Production (MWh)<sup>1</sup></b>	<b>Percent</b>
	<b>[NOT PUBLIC DATA BEGINS</b>	
Wind		
Solar		
	<b>NOT PUBLIC DATA ENDS]</b>	

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<sup>1</sup> Production corresponds to R\*C Wind and Solar “Production Requirement” in Attachment A.

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**Table 4: Renewable\*Connect Revenue & Expenses**  
(Order Points 5.d. and 5.f.)

	2021 Reporting Period
<b>Revenue</b>	
Customer Payments:	[NOT PUBLIC DATA BEGINS]
Month-to-Month	
Five Year Contract	
Ten Year Contract	
Other:	
Capacity Credit	
<b>Total Revenue</b>	
<b>Expenses</b>	
Resource Production Cost	
Neutrality Charges	
Marketing & Admin.	
<b>Total Expenses</b>	
	<b>NOT PUBLIC DATA ENDS]</b>
<b>Balance</b>	\$115,025

**Table 5: Renewable\*Connect Government Revenue & Expenses**  
(Order Points 5.e. and 5.g.)

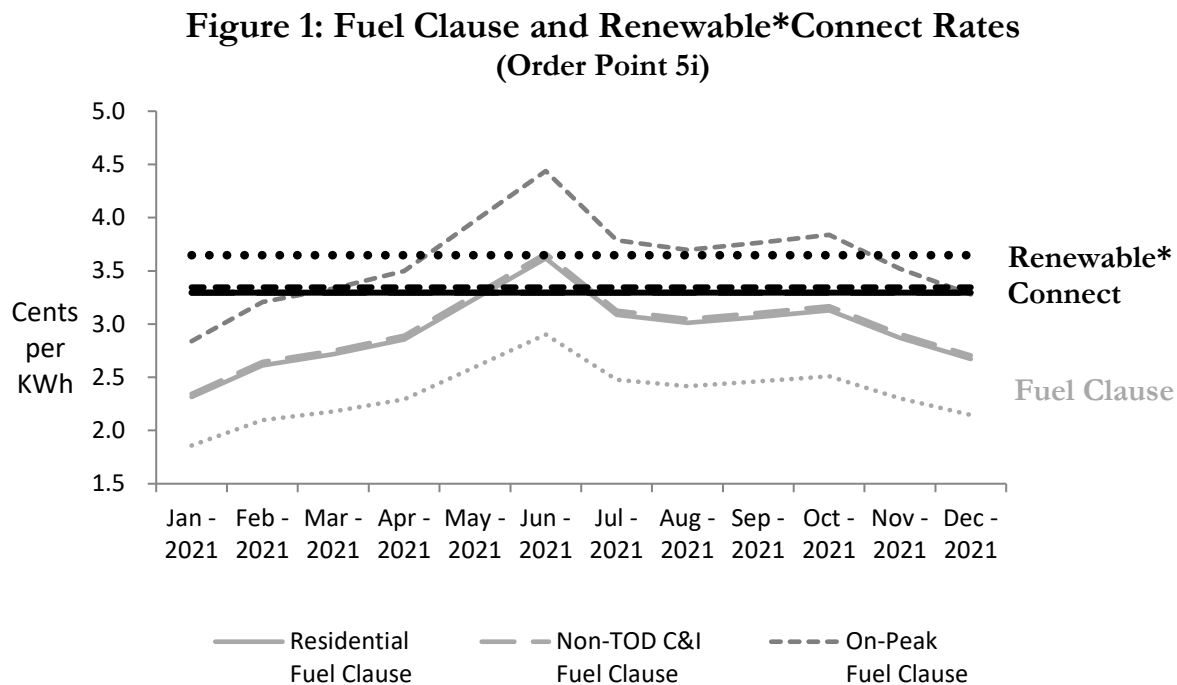
	2021 Reporting Period
<b>Revenue</b>	
Customer Payments:	[NOT PUBLIC DATA BEGINS]
Month-to-Month	
Other:	
Capacity Credit	
<b>Total Revenue</b>	
<b>Expenses</b>	
Resource Production Cost	
Neutrality Charges	
Marketing & Admin.	
<b>Total Expenses</b>	
	<b>NOT PUBLIC DATA ENDS]</b>
<b>Balance</b>	(\$2,423)

### C. Tracker Account Report (Order Point 5.h.)

A Renewable\*Connect Pilot Program tracker account report is included as Attachment A.

### D. Pricing and Fuel Clause Rates (Order Point 5.i.)

The Renewable\*Connect pricing for all subscription classes was higher than all non-on-peak fuel clause rates. See graph below.



### E. Impact on Non-Participants/Ratepayers (Order Point 5.j.)

The Commission’s February 27, 2017 Order requires the Company to “provide in its Annual Automatic Adjustment reports a separate section discussing the pilot programs’ impact on non-participants and the effectiveness of the neutrality charge to address any cost shift between participants and non-participants.”<sup>2</sup>

To test the effectiveness of the Company’s neutrality charge, the Company reviewed the actual system impact of the resources across the identified categories. Line losses, which accounted for nearly two-thirds of neutrality expenses in 2021, were the most

<sup>2</sup> We most recently provided this information as Part F, Attachment 2 to our March 1, 2022 Annual Fuel Forecast True-Up Report in Docket No. E002/AA-20-417.

## **PUBLIC DOCUMENT – NOT PUBLIC DATA EXCISED**

significant impact across the cost categories as illustrated in Table 6 below. Curtailments on program solar resources totaled nearly \$125,000, and \$29,437 were allocated to the program with less than 50 percent of solar curtailments allocated to the program in 2021. Wind curtailments associated with the program's wind resource increased sharply in 2021. Wind curtailments totaled nearly \$1,620,000 and \$302,024 were allocated to the program, a ten-fold increase compared to 2020.

Wind integration cost rates provided in the Company's Dakota Range filing in Docket No. E002/M-17-694 were also used to estimate the cost of the integration of the program's wind resources. The analysis results in an estimate of nearly \$230,000 in wind integration costs for the 2021 reporting period.

To understand the potential impact of the Renewable\*Connect Pilot Program on non-participant energy cost, the Company performed an analysis that compared the marginal cost of energy: in this case, on- and off-peak LMP pricing, to the PPA cost of solar and wind resources allocated to Renewable\*Connect consistent with the analysis the Company performed for the prior annual compliance filing. Since Odell wind and North Star solar energy were originally procured for the Fuel Clause paying customers, moving this higher cost energy from the Fuel Clause to Renewable\*Connect has a positive impact on non-participants. The results have historically indicated a strong benefit for non-participants with nearly a \$5.0 million benefit over the life of the program, however, the results for 2021 were a cost of approximately \$0.6 million.

Overall, neutrality payments fell short of participant cost by nearly \$360,000 in 2021. However, over the life of the program, when factoring the economic benefit of moving the higher priced Odell Wind and North Star Solar from the Fuel Clause to Renewable\*Connect, the net result is that non-participants have received roughly a \$4.9 million benefit due to the Renewable\*Connect program. Table 6 below provides details on the impact of Renewable\*Connect on non-participants.



**Table 6: Non-Participants Impact  
(Order Point 5j)**

(in \$000s)	<b>Total</b>	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>
<b>Line Losses</b>	\$2,302	\$677	\$641	\$532	\$359	\$92
<b>Solar Curtailments</b>	\$120	\$29	\$66	\$17	\$4	\$3
<b>Wind Curtailments</b>	\$351	\$302	\$35	\$11	\$4	\$0
<b>Economic/Balancing</b>	\$920	\$228	\$230	\$227	\$185	\$50
<b>Total</b>	\$3,693	\$1,236	\$973	\$787	\$552	\$145
<b>Neutrality Payments</b>	\$3,555	\$876	\$891	\$884	\$717	\$187
<b>Non-Participant Cost/(Benefit)</b>	\$137	\$360	\$82	(\$97)	(\$165)	(\$42)
<b>Net Economic Cost/(Benefit)<sup>3</sup></b>	(\$4,995)	\$617	(\$2,889)	(\$1,792)	(\$688)	(\$244)
<b>Total Cost/(Benefit)</b>	(\$4,858)	\$977	(\$2,807)	(\$1,889)	(\$853)	(\$286)

**F. Impact on all Xcel Energy Ratepayers Through Updates in Base Rates  
(Order Point 5.k.)**

The Renewable\*Connect Pilot Program had no impact on base rates in 2021.

**G. Terminations (Order Point 5.l.)**

There were 89 residential customer terminations of 5- or 10-year contracts in 2021, which resulted in a total of \$5,353 in termination fees. Residential terminations were largely due to the customer moving out of our service territory. There were no business customer terminations of a 5- or 10-year contract in 2021.

**H. Neutrality Adjustment (Order Point 2, Docket E002/M-18-252)**

Since the Renewable\*Connect Pilot Program was approved, the Company has developed two tools to measure the cost of integrating and balancing renewable energy on the system. First, the Company developed wind integration costs associated with current and new wind projects in the Company's 302.4 MW Dakota

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<sup>3</sup> Since Odell Wind and NorthStar Solar energy were originally procured for the system, moving this higher cost energy from the Fuel Clause to Renewable\*Connect provides a benefit to non-participant relative to energy procured at LMP.

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Range I and II filing in Docket No. E002/M-17-694 as previously mentioned. The Company incorporated these values and resulting costs into the non-participant analysis.

Second, the Company also included a seasonal balancing cost analysis in the petition to expand the Renewable\*Connect program.<sup>4</sup> The goal of this analysis is to put a value on the seasonal timing difference between program usage and program resource production. More specifically, the analysis uses LMP pricing to measure the cost differential of excess program usage in the summer with excess energy supplied by program resources in the winter. However, the Company does not believe it is appropriate to incorporate this analysis into the non-participant impact of the Renewable\*Connect Pilot Program because program is self-balanced within the program's resources.

### **I. Waitlist Update (Order Point 2, Docket No. E002/M-21-234)**

The Commission's October 12, 2021 Order requested that the Company address the size of any waitlist for participating in the Renewable\*Connect program, and our plans to serve waitlisted customers, in its next annual report. As of December 31, 2021, roughly 6,545 customers were on the waitlist, with 5,975 of those customer requesting the 100 percent subscription option. The waitlist captures the customer's email address, requested contract term and requested subscription type (100 percent or a block level). We have enrolled a handful of customers from the waitlist when space in the program became available, as other customers terminated their subscriptions. We will continue to do so until the Renewable\*Connect expansion program becomes available.

All large Commercial and Industrial (C&I) customers currently on the waitlist have submitted a Memorandum of Understanding (MOU) and will therefore be in the priority ranking (level 1 or 2) for enrollment when we launch the Renewable\*Connect expansion program. All small business and residential customers currently on the waitlist will be notified via email prior to the launch of the expansion program. This email will notify them of the new program opening and invite them to enroll at the time of launch.

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<sup>4</sup> Please see Attachment D of our January 7, 2019 Petition in Docket E002/M-19-33.

## **II. UPDATE ON RESOURCE ACQUISITION FOR THE EXPANSION OF RENEWABLE\*CONNECT**

The Company notified the Commission that the Elk Creek Solar project was experiencing delays, putting the project in serious jeopardy in letters dated November 5, 2021 and March 7, 2022 filed in Docket No. E002/M-21-222. The Company has continued conversations with National Grid Renewables, the project developer, and parties are drafting an amendment to the Purchased Power Agreement (PPA). We expect to file a Petition for approval of this amendment in the near future where we will fully discuss the details of the amended agreement. We expect to be able to launch the Renewable\*Connect expansion program in the coming months, once the Commission has approved the PPA amendment. The customer migration to the permanent Renewable\*Connect offering will follow Commission approval of the program tariffs.<sup>5</sup> Current Windsource customers will remain on Windsource until that time.

## **III. TARIFF UPDATE**

We indicated in our September 21, 2017 revision to the Renewable\*Connect Pilot Program that we would file updates to the Month-to-Month and Special Event rate in conjunction with our annual compliance filing.<sup>6</sup> Using this process, the Commission last approved changes to an updated rate in its January 12, 2021 Order in Docket No. E002/M-20-380. Given that only a small number of customers utilize this rate, the rate changes only slightly year over year, and we will no longer offer the rate once we transition to the Renewable\*Connect expansion program in the near future, we are not proposing to update the Month-to-Month or Special Event rate at this time. Please see Attachment B to this compliance filing for our proposed tariff revision of Sheet No. 5-150 to update the year for which the rate is applicable to 2022.<sup>7</sup>

The proposed tariff in Attachment B to this filing also shows the 2023 Neutrality Charges as originally presented in Attachment A to the September 21, 2017 filing. We propose that the tariff sheet be effective upon Commission approval.

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<sup>5</sup> The Company's proposed tariffs were pending hearing when the Company requested the Commission to suspend its review.

<sup>6</sup> Docket No. E002/M-15-985

<sup>7</sup> We note that we have proposed revisions to Sheet No. 5-150 as part of our April 1, 2021 program modification proposal in Docket No. E002/M-21-222. We intend to update the proposed tariff revisions to account for the passage of time before the compliance tariff is filed in that docket.

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**CONCLUSION**

We respectfully request the Commission accept this Renewable\*Connect Pilot Program compliance filing and tracker report and approve our revised tariff sheet showing the 2023 Neutrality Charge previously approved by the Commission.

Dated: April 1, 2022

Northern States Power Company

**2021 Renewable\*Connect Sales, Revenue and Expense Tracker***In MW/hr, except where labeled differently*

Renewable*Connect Sales and Associated Renewable Facility Production														
Type/Detail	January	February	March	April	May	June	July	August	September	October	November	December	Total	
Month-to-Month	[NOT PUBLIC DATA BEGINS]													
5 Year Contract														
10 Year Contract														
Sub-Total R*C														
Government														
Total														
R*C Wind Production Requirement														
R*C Solar Production Requirement														
Total Requirement														
Wind Production	Production Month													
Solar Production														
Total Production														
Wind Production to FCA	Net of R*C Requirement													
Solar Production to FCA														
Total Production to FCA														
NOT PUBLIC DATA ENDS]														
Renewable*Connect Program Revenue (Dollars)														
Payments from Customer	January	February	March	April	May	June	July	August	September	October	November	December	Total	
Month-to-Month	[NOT PUBLIC DATA BEGINS]													
5 Year Contract														
10 Year Contract														
Sub-total Renewable*Connect														
Government														
Total Renewable*Connect														
Capacity Credits	Base Rate Allocation	\$99,576	\$95,414	\$113,952	\$98,983	\$105,711	\$100,276	\$117,267	\$124,977	\$114,206	\$123,424	\$85,367	\$107,969	\$1,287,122
Total Renewable Connect Revenue		\$556,708	\$534,732	\$638,587	\$554,623	\$591,675	\$562,872	\$657,993	\$700,887	\$639,475	\$691,159	\$478,904	\$604,878	\$7,212,495
Renewable*Connect Program Expense (Dollars)														
Credits to the Fuel Clause	January	February	March	April	May	June	July	August	September	October	November	December	Total	
Month-to-Month	[NOT PUBLIC DATA BEGINS]													
5 Year Contract														
10 Year Contract														
R*C Production Cost														
R*CG Production Cost <sup>1</sup>														
Total Production Cost														
Neutrality Recovery														
Credits to the Fuel Clause														
Marketing and Admin. Expense	\$6,695	\$2,468	\$2,129	\$1,918	\$870	\$1,518	\$1,269	\$2,212	\$1,792	\$1,253	\$6,414	\$4,770	\$33,307	
Total Renewable Connect Expense	\$548,809	\$512,398	\$633,296	\$552,770	\$583,950	\$530,965	\$626,598	\$723,115	\$604,654	\$698,286	\$475,046	\$610,008	\$7,099,894	
Over/(Under) Recovery - Offset to Program Setup Expenses	\$7,900	\$22,334	\$5,291	\$1,854	\$7,725	\$31,908	\$31,395	(\$22,228)	\$34,821	(\$7,127)	\$3,858	(\$5,130)	\$112,601	

<sup>1</sup> Based on prior month production

**2021 Renewable\*Connect Sales, Revenue and Expense Tracker***In MWhs, except where labeled differently*

MEMO: Individual Rate Component Recovery

**Neutrality (Dollars)****Credits to the Fuel Clause**

	Cents per kWh	January	February	March	April	May	June	July	August	September	October	November	December	Total
		[NOT PUBLIC DATA BEGINS]												
Month-to-Month	0.493													
5 Year Contract	0.493													
10 Year Contract	0.493													
R*C Neutrality Recovery														
R*CG Neutrality Recovery	0.493													
Total Neutrality Recovery		\$67,805	\$64,971	\$77,594	\$67,401	\$71,983	\$68,282	\$79,852	\$85,102	\$77,767	\$84,044	\$58,129	\$73,520	\$876,452

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**Marketing & Admin (Dollars)**

	Cents per kWh	January	February	March	April	May	June	July	August	September	October	November	December	Total
		[NOT PUBLIC DATA BEGINS]												
Month-to-Month	0.450													
5 Year Contract	0.150													
10 Year Contract	0.100													
Sub-total R*C														
R*CG	0.100													
Total Marketing and Admin Recovery		\$19,289	\$18,476	\$21,753	\$18,818	\$19,448	\$20,059	\$23,205	\$24,363	\$21,264	\$23,046	\$16,800	\$20,425	\$246,947

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**Marketing and Admin. Expenses by Type**

		January	February	March	April	May	June	July	August	September	October	November	December	Total
		[NOT PUBLIC DATA BEGINS]												
Marketing Expense														
Admin. Labor														
Total Marketing & Admin Expense														

NOT PUBLIC DATA ENDS]

**Marketing and Admin. Expenses by Program**

		January	February	March	April	May	June	July	August	September	October	November	December	Total
		[NOT PUBLIC DATA BEGINS]												
R*C														
R*CG														
Total Marketing & Admin Expense														
Marketing/Admin - Over/(Under) Recovery		12,594	16,008	19,624	16,900	18,578	18,541	21,936	22,151	19,472	21,793	10,386	15,656	213,640

NOT PUBLIC DATA ENDS]

**Capacity Credit Amount Embedded in Base Rates (Dollars)**

	Cents per kWh	January	February	March	April	May	June	July	August	September	October	November	December	Total
		[NOT PUBLIC DATA BEGINS]												
Month-to-Month	0.724													
5 Year Contract	0.724													
10 Year Contract	0.724													
Sub-total R*C														
R*CG	0.724													
Total R*C and R*CG Capacity Credit		\$99,576	\$95,414	\$113,952	\$98,983	\$105,711	\$100,276	\$117,267	\$124,977	\$114,206	\$123,424	\$85,367	\$107,969	\$1,287,122

NOT PUBLIC DATA ENDS]

**Redline**

**VOLUNTARY RENEWABLE\*CONNECT PILOT PROGRAM  
 RIDER (Continued)**

Section No. 5  
~~8th-9th~~ Revised Sheet No. 150

**RATE**

The R\*C Price for the pilot phase R\*C Resources of each R\*C Service Type shall be as follows based on year of production, unless otherwise provided for in this tariff:

Month-To-Month R*C or Single Event R*C Service Type	
Year number	\$/kWh
<del>4 (2020)</del> <u>6 (2022)</u>	<del>\$0.03623</del> <u>\$0.03647</u>
<del>5 (2021)</del>	<u>\$0.03647</u>

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**5-Year and 10-Year R\*C Service Type**

Year	5-Year Contract (\$/kWh)	10-Year Contract (\$/kWh)
2017	\$0.03243	\$0.03193
2018	\$0.03280	\$0.03230
2019	\$0.03317	\$0.03267
2020	\$0.03330	\$0.03280
2021	\$0.03345	\$0.03295
2022	\$0.03361	\$0.03349
2023	\$0.03429	\$0.03404
2024	\$0.03497	\$0.03460
2025	\$0.03569	\$0.03519
2026	\$0.03642	\$0.03580

**NEUTRALITY CHARGE**

The R\*C Price includes a neutrality charge to mitigate the impact of the R\*C Pilot program on non-participating customers. The standard neutrality charge is as follows:

Year number	\$/kWh
<del>4 (2020)</del> <u>6 (2022)</u>	<del>\$0.00488</del> <u>\$0.00499</u> (MTM/5YR): <u>\$0.00487</u> (10YR)
<del>5 (2021)</del> <u>7 (2023)</u>	<del>\$0.00493</del> <u>\$0.00504</u> (MTM/5YR): <u>\$0.00479</u> (10YR)

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Customers receiving service under the Company's Business Incentive and Sustainability Rider, Competitive Response Rider, Residential Electric Vehicle Service (Rate Code A08), Residential Electric Vehicle Pilot Service (Rate Code A80, A81), or Residential Electric Vehicle Subscription Pilot Service (Rate Code A82, A83), or Multi-Dwelling Unit Electric Vehicle Service Pilot (Rate Code A91, A92, A93) shall not be subject to the neutrality charge portion of the R\*C Price.

**TRACKER ACCOUNT**

Due to the variability of renewable resources, the Renewable\*Connect program tracker account may have an excess or shortage of supply in any given hour or month. The Company will balance Renewable\*Connect program usage at the end of the program year in accordance with the expected resource blend. As a result, the program may require more or less of a share of the expected program allocation. Energy produced by the R\*C Resources that is not associated with any R\*C Service subscription and therefore not allocated to an R\*C Customer will be sold to all customers at the delivered cost through the Fuel Clause Adjustment. The Company will maintain accounting of the monthly balance of total R\*C Resources production, total program usage, total revenues collected under the program and the expenses associated with offering the R\*C Service, including the renewable energy purchases, marketing and other costs for this program. The Company may petition the Commission annually to true up the marketing and administrative cost tracker balance and apply the resulting true-up factors to the Month-To-Month R\*C Price.

(Continued on Sheet No. 5-151)

Date Filed: <u>09-10-2004-01-22</u>	By: Christopher B. Clark President, Northern States Power Company, a Minnesota corporation	Effective Date: <u>08-02-21</u>
Docket No. <u>E002/M-20-71122-</u>		Order Date: <u>07-02-21</u>



**Clean**

**VOLUNTARY RENEWABLE\*CONNECT PILOT PROGRAM  
RIDER (Continued)**

Section No. 5  
9th Revised Sheet No. 150

**RATE**

The R\*C Price for the pilot phase R\*C Resources of each R\*C Service Type shall be as follows based on year of production, unless otherwise provided for in this tariff:

Month-To-Month R*C or Single Event R*C Service Type	
Year number	\$/kWh
6 (2022)	\$0.03647

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D

**5-Year and 10-Year R\*C Service Type**

Year	5-Year Contract (\$/kWh)	10-Year Contract (\$/kWh)
2017	\$0.03243	\$0.03193
2018	\$0.03280	\$0.03230
2019	\$0.03317	\$0.03267
2020	\$0.03330	\$0.03280
2021	\$0.03345	\$0.03295
2022	\$0.03361	\$0.03349
2023	\$0.03429	\$0.03404
2024	\$0.03497	\$0.03460
2025	\$0.03569	\$0.03519
2026	\$0.03642	\$0.03580

**NEUTRALITY CHARGE**

The R\*C Price includes a neutrality charge to mitigate the impact of the R\*C Pilot program on non-participating customers. The standard neutrality charge is as follows:

Year number	\$/kWh
6 (2022)	\$0.00499 (MTM/5YR); \$0.00487 (10YR)
7 (2023)	\$0.00504 (MTM/5YR); \$0.00479 (10YR)

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Customers receiving service under the Company's Business Incentive and Sustainability Rider, Competitive Response Rider, Residential Electric Vehicle Service (Rate Code A08), Residential Electric Vehicle Pilot Service (Rate Code A80, A81), or Residential Electric Vehicle Subscription Pilot Service (Rate Code A82, A83), or Multi-Dwelling Unit Electric Vehicle Service Pilot (Rate Code A91, A92, A93) shall not be subject to the neutrality charge portion of the R\*C Price.

**TRACKER ACCOUNT**

Due to the variability of renewable resources, the Renewable\*Connect program tracker account may have an excess or shortage of supply in any given hour or month. The Company will balance Renewable\*Connect program usage at the end of the program year in accordance with the expected resource blend. As a result, the program may require more or less of a share of the expected program allocation. Energy produced by the R\*C Resources that is not associated with any R\*C Service subscription and therefore not allocated to an R\*C Customer will be sold to all customers at the delivered cost through the Fuel Clause Adjustment. The Company will maintain accounting of the monthly balance of total R\*C Resources production, total program usage, total revenues collected under the program and the expenses associated with offering the R\*C Service, including the renewable energy purchases, marketing and other costs for this program. The Company may petition the Commission annually to true up the marketing and administrative cost tracker balance and apply the resulting true-up factors to the Month-To-Month R\*C Price.

(Continued on Sheet No. 5-151)

Date Filed: 04-01-22

By: Christopher B. Clark

Effective Date:

President, Northern States Power Company, a Minnesota corporation

Docket No. E002/M-22-\_\_\_\_

Order Date:

## CERTIFICATE OF SERVICE

I, Crystal Syvertsen, 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 Nos.**

**Xcel Energy's Miscellaneous Electric Service List  
E002/M-15-985**

Dated this 1st day of April 2022

/s/

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Crystal Syvertsen  
Regulatory Administrator

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Alison C	Archer	aarcher@misoenergy.org	MISO	2985 Ames Crossing Rd  Eagan, MN 55121	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
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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
Riley	Conlin	riley.conlin@stoel.com	Stoel Rives LLP	33 S. 6th Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
Brooke	Cooper	bcooper@allete.com	Minnesota Power	30 W Superior St  Duluth, MN 558022191	Electronic Service	No	GEN_SL_Northern States Power Company dba Xcel Energy-Elec_Xcel Misc Electric
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First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
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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 Misc Electric
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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 Misc Electric

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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 Miscl Electric
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[illegible]



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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	Yes	OFF_SL_15-985_Official
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Will	Seuffert	Will.Seuffert@state.mn.us	Public Utilities Commission	121 7th PI E Ste 350  Saint Paul, MN 55101	Electronic Service	Yes	OFF_SL_15-985_Official
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