



2302 Great Northern Drive
P O Box 2747
Fargo, ND 58108-2747
(701) 241-8632
Alex.j.nisbet@xcelenergy.com

December 22, 2022

--Via Electronic Filing and UPS--

Steven M. Kahl, Executive Director
North Dakota Public Service Commission
State Capitol Building, Dept. 408
600 East Boulevard
Bismarck, ND 58505-0480

RE: 2023 TRANSMISSION COST RIDER (TCR) RATE ADJUSTMENT
REVISION OF PROPOSED REVENUE REQUIREMENTS AND RATE
CASE NO. PU-22-402

Dear Mr. Kahl:

Northern States Power Company, doing business as Xcel Energy, submits to the North Dakota Public Service Commission the enclosed revision of our pending 2023 Transmission Cost Rider (TCR) rate application. After discussion with Commission Staff, we have removed the Sherco Solar Interconnection project from the 2023 Rider revenue requirements. This removal results in a \$16,906 reduction to the 2023 TCR revenue requirement compared to our original filing.

Table 1 recalculates the 2023 TCR rate using the revised 2023 TCR revenue requirement (effective Feb 2023) and provides a comparison to the original filing.

Table 1: Revised 2023 TCR Rate

| | Revised | Original Filing | Change |
|--|-------------|-----------------|--------------|
| ND Retail Revenue Requirement | \$1,859,218 | \$1,876,124 | \$(16,906) |
| ND (Feb-Dec) Retail Sales in MWh | 1,948,661 | 1,948,661 | 0 |
| 2023 TCR Rate (Per kWh)¹ | \$0.000873 | \$0.000882 | \$(0.000009) |
| Typical Residential Bill Impact | \$0.65 | \$0.66 | \$(0.01) |

¹ Calculated based on 2023 revenue requirement less January 2023 revenue collections of \$157,333.

We have included the following attachments which were impacted by the removal of the Sherco Solar Interconnection project:

- Attachment 4: Annual TCR Tracker Summary
- Attachment 5: Monthly TCR Tracker Summary
- Attachment 6: ND Electric Sales by Calendar Month (Revenues)
- Attachment 7: TCR Rate Calculation
- Attachment 12: Proposed Tariff Sheet
- Attachment 13: Proposed Customer Notice

The Company respectfully requests the Commission approve its revised TCR revenue requirement of \$1,859,218 for 2023. Please contact me if you have any questions or comments.

Sincerely,

/s/

ALEX NISBET
REGULATORY POLICY SPECIALIST

c: Adam Renfandt

Enclosures

Annual Filing View Tracker Summary

| Line No: | Amounts in dollars | Revised Filing | | | Original Filing | | | Delta | | |
|----------|---|----------------|-----------|-------------|-----------------|-----------|-------------|--------|-------|----------|
| | | 2021 | 2022 | 2023 | 2021 | 2022 | 2023 | 2021 | 2022 | 2023 |
| | | Actual | Mixed | Forecast | Actual | Mixed | Forecast | Actual | Mixed | Forecast |
| 1 | Aldrich DCP | - | 263 | 2,384 | - | 263 | 2,384 | - | - | - |
| 2 | Avon - Albany Rebuild | 8,545 | 37,577 | 40,915 | 8,545 | 37,577 | 40,915 | - | - | - |
| 3 | Bayfield Loop | - | 16,699 | 244,706 | - | 16,699 | 244,706 | - | - | - |
| 4 | Big Stone-Brookings | 253,059 | - | - | 253,059 | - | - | - | - | - |
| 5 | Black Dog - Savage | 28,041 | - | - | 28,041 | - | - | - | - | - |
| 6 | Black Dog - Wilson | 15,939 | 16,710 | 17,119 | 15,939 | 16,710 | 17,119 | - | - | - |
| 7 | Bluff Creek - Westgate | 68,261 | - | - | 68,261 | - | - | - | - | - |
| 8 | CAPX2020 - Brookings | 1,787,518 | - | - | 1,787,518 | - | - | - | - | - |
| 9 | CAPX2020 - Fargo | 867,414 | - | - | 867,414 | - | - | - | - | - |
| 10 | CAPX2020 - La Crosse Local | 199,158 | - | - | 199,158 | - | - | - | - | - |
| 11 | CAPX2020 - La Crosse MISO | 417,255 | - | - | 417,255 | - | - | - | - | - |
| 12 | CAPX2020 - La Crosse MISO - WI | 562,952 | - | - | 562,952 | - | - | - | - | - |
| 13 | Cass County SUB Expansion | 17,032 | - | - | 17,032 | - | - | - | - | - |
| 14 | Chaska - Hwy 212 Conversion | 54,182 | - | - | 54,182 | - | - | - | - | - |
| 15 | Chicago 2nd Transformer Addition | 22,006 | - | - | 22,006 | - | - | - | - | - |
| 16 | Comm Network Program | 10,182 | 74,699 | 250,057 | 10,182 | 74,699 | 250,057 | - | - | - |
| 17 | CVA SIC Arresters | 3,594 | - | - | 3,594 | - | - | - | - | - |
| 18 | DCP Daytons Bluff Sub | - | 40 | 869 | - | 40 | 869 | - | - | - |
| 19 | DCP Great Plains | 727 | 2,755 | 6,184 | 727 | 2,755 | 6,184 | - | - | - |
| 20 | Dean Lake Substation | 9,749 | - | - | 9,749 | - | - | - | - | - |
| 21 | Elm Creek New Transformer 10 Install | - | 2,565 | 29,385 | - | 2,565 | 29,385 | - | - | - |
| 22 | Elm Creek TR9 Reactor | - | 232 | 3,772 | - | 232 | 3,772 | - | - | - |
| 23 | ELR - Breakers - NSPM | 14,203 | 40,306 | 85,168 | 14,203 | 40,306 | 85,168 | - | - | - |
| 24 | ELR - Breakers - NSPM - Moved to Base | 25,637 | - | - | 25,637 | - | - | - | - | - |
| 25 | ELR - Relay - NSPM | 11,192 | 36,139 | 85,709 | 11,192 | 36,139 | 85,709 | - | - | - |
| 26 | ELR - Relay - NSPM - Moved to Base | 80,551 | - | - | 80,551 | - | - | - | - | - |
| 27 | ELR - Transformers - NSPM | 8,419 | 16,344 | 28,236 | 8,419 | 16,344 | 28,236 | - | - | - |
| 28 | ELR - Transformers - NSPM - Moved to Base | 15,166 | - | - | 15,166 | - | - | - | - | - |
| 29 | ELR Nuclear NSPM | 1,199 | 11,370 | 28,653 | 1,199 | 11,370 | 28,653 | - | - | - |
| 30 | ELR Nuclear NSPM - Moved to Base | 17 | - | - | 17 | - | - | - | - | - |
| 31 | Franklin Transformer | 21,945 | - | - | 21,945 | - | - | - | - | - |
| 32 | Gleason Lake Sub | 37,605 | - | - | 37,605 | - | - | - | - | - |
| 33 | Glencoe - Waconia | 82,829 | - | - | 82,829 | - | - | - | - | - |
| 34 | GRE - Lake Wilson Breaker Station | 6,582 | - | - | 6,582 | - | - | - | - | - |
| 35 | Helena to Scott County MISO Interconnections | - | 116,568 | 120,175 | - | 116,568 | 120,175 | - | - | - |
| 36 | HIBTAC 500KV | 38,898 | 95,847 | 100,902 | 38,898 | 95,847 | 100,902 | - | - | - |
| 37 | Hollydale Dist. 115kV | 9,958 | 11,655 | 11,902 | 9,958 | 11,655 | 11,902 | - | - | - |
| 38 | Hollydale Dist. 115kV - Moved to Base | 45,807 | - | - | 45,807 | - | - | - | - | - |
| 39 | HPFF Minneapolis Upgrade | - | - | - | - | - | - | - | - | - |
| 40 | HPFF Minneapolis Upgrade - Moved to Base | 3,551 | - | - | 3,551 | - | - | - | - | - |
| 41 | Huntley-South Bend 161kV | - | - | 1,055 | - | - | 1,055 | - | - | - |
| 42 | Huntley - Wilmarth | 234,029 | 328,295 | 322,267 | 234,029 | 328,295 | 322,267 | - | - | - |
| 43 | Kohlman Lake-Goose Lake 2nd ckt | 67,315 | - | - | 67,315 | - | - | - | - | - |
| 44 | La Crosse - Madison 345 kV Lin | 858,734 | - | - | 858,734 | - | - | - | - | - |
| 45 | Lake Marion Burnsville | 32,112 | - | - | 32,112 | - | - | - | - | - |
| 46 | Lawrence to Falls Capacity Enhancement | 12,365 | - | - | 12,365 | - | - | - | - | - |
| 47 | Lincoln County Capacitor Bank | - | 9,572 | 24,882 | - | 9,572 | 24,882 | - | - | - |
| 48 | Line 0953 OPGW Replacement | - | 8,932 | 24,405 | - | 8,932 | 24,405 | - | - | - |
| 49 | Line ELR - NSPM | 34,341 | 43,490 | 55,998 | 34,341 | 43,490 | 55,998 | - | - | - |
| 50 | Line ELR - NSPM - Moved to Base | 29,434 | - | - | 29,434 | - | - | - | - | - |
| 51 | Long Lake-Baytown Line Uprate | 111 | 2,249 | 6,867 | 111 | 2,249 | 6,867 | - | - | - |
| 52 | Magic City | 3,710 | - | - | 3,710 | - | - | - | - | - |
| 53 | Mallard Substation Expansion | - | - | 14,978 | - | - | 14,978 | - | - | - |
| 54 | Maple Lake - Annandale | 8,668 | - | - | 8,668 | - | - | - | - | - |
| 55 | Maple River Red River | 76,750 | - | - | 76,750 | - | - | - | - | - |
| 56 | Minn Valley | 56,628 | - | - | 56,628 | - | - | - | - | - |
| 57 | Minot Load Serving | 135,552 | - | - | 135,552 | - | - | - | - | - |
| 58 | MPC Fossum IA | 1,059 | - | - | 1,059 | - | - | - | - | - |
| 59 | NERC Order 754 NSPM | 682 | 3,246 | 29,400 | 682 | 3,246 | 29,400 | - | - | - |
| 60 | NERC Order 754 NSPM - Moved to Base | 6,063 | - | - | 6,063 | - | - | - | - | - |
| 61 | New Prague Area | 20,298 | - | - | 20,298 | - | - | - | - | - |
| 62 | Nighthawk Substation | - | - | 10,520 | - | - | 10,520 | - | - | - |
| 63 | NSM0953 Galloping Mitigate SPK | 11,120 | 25,673 | 26,527 | 11,120 | 25,673 | 26,527 | - | - | - |
| 64 | NSM0953 Galloping Mitigate SPK - Moved to Base | 42,215 | - | - | 42,215 | - | - | - | - | - |
| 65 | NSP Reloc B | 21,421 | 20,458 | 28,428 | 21,421 | 20,458 | 28,428 | - | - | - |
| 66 | NSP Reloc B - Moved to Base | 60,197 | - | - | 60,197 | - | - | - | - | - |
| 67 | NSPM Major Line Rebuild | 18,044 | 180,964 | 529,884 | 18,044 | 180,964 | 529,884 | - | - | - |
| 68 | NSPM Major Line Rebuild - Moved to Base | 36,815 | - | - | 36,815 | - | - | - | - | - |
| 69 | NSPM Major Line Refurbishment | 28,443 | 63,607 | 215,710 | 28,443 | 63,607 | 215,710 | - | - | - |
| 70 | NSPM Major Line Refurbishment - Moved to Base | 49,362 | - | - | 49,362 | - | - | - | - | - |
| 71 | NSPM Steel Pole ELR | - | 10,115 | 106,973 | - | 10,115 | 106,973 | - | - | - |
| 72 | Prairie Substation Capbank Remove | - | 10,743 | 11,179 | - | 10,743 | 11,179 | - | - | - |
| 73 | Prairie Sub Expansion | 46,573 | - | - | 46,573 | - | - | - | - | - |
| 74 | Raptor Distribution Substation | - | 10,757 | 10,994 | - | 10,757 | 10,994 | - | - | - |
| 75 | S&E - NSP Line | 101,366 | 106,760 | 157,204 | 101,366 | 106,760 | 157,204 | - | - | - |
| 76 | S&E - NSP Line - Moved to Base | 171,339 | - | - | 171,339 | - | - | - | - | - |
| 77 | S&E - NSP Sub | 97,980 | 117,912 | 143,752 | 97,980 | 117,912 | 143,752 | - | - | - |
| 78 | S&E - NSP Sub - Moved to Base | 18,109 | - | - | 18,109 | - | - | - | - | - |
| 79 | Scott Cty 345 kV Expansion | 74,716 | - | - | 74,716 | - | - | - | - | - |
| 80 | Sherco Solar Interconnection | - | - | - | - | - | 16,906 | - | - | (16,906) |
| 81 | Sioux Falls Northern | 103,408 | - | - | 103,408 | - | - | - | - | - |
| 82 | So. Washington Electric Reliability SWERU | 533 | 2,129 | 14,854 | 533 | 2,129 | 14,854 | - | - | - |
| 83 | So. Washington Electric Reliability SWERU - Moved to Base | 1,646 | - | - | 1,646 | - | - | - | - | - |
| 84 | TACT | 25,067 | 47,697 | 58,833 | 25,067 | 47,697 | 58,833 | - | - | - |
| 85 | West St. Cloud - Black Oak | - | - | - | - | - | - | - | - | - |
| 86 | Wilmarth-TC Thru Flow Mitigation | 555 | 466 | 8,851 | 555 | 466 | 8,851 | - | - | - |
| 87 | Wilson Substation Conversion | 64,374 | - | - | 64,374 | - | - | - | - | - |
| 88 | Yankee Reactor | 14,966 | - | - | 14,966 | - | - | - | - | - |
| 89 | Projects | 7,295,275 | 1,472,837 | 2,859,698 | 7,295,275 | 1,472,837 | 2,876,603 | - | - | (16,906) |
| 90 | MISO RECB Sch.26/26a | (179,599) | (580,923) | (1,122,083) | (179,599) | (580,923) | (1,122,083) | - | - | - |
| 91 | Base Rates | - | - | - | - | - | - | - | - | - |
| 92 | TCR True-up Carryover | 218,403 | 634,227 | 121,603 | 218,403 | 634,227 | 121,603 | - | - | 0 |
| 93 | Revenue Requirement (RR) | 7,334,079 | 1,526,142 | 1,859,218 | 7,334,079 | 1,526,142 | 1,876,124 | - | - | (16,906) |
| 94 | Revenue Collections (RC) | 6,699,852 | 1,404,538 | 1,858,514 | 6,699,852 | 1,404,538 | 1,876,052 | - | - | (17,538) |
| 95 | Monthly RR - RC | - | - | - | - | - | - | - | - | - |
| 96 | Balance (RR - RC + Cumulative CC) | 634,227 | 121,603 | 704 | 634,227 | 121,603 | 72 | - | 0 | 632 |

Monthly Revenue Requirement Filing Summary

| 2021 Monthly Details | | | | | | | | | | | | | | |
|----------------------|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|------------------|
| 2020 | Jan - 2021 | Feb - 2021 | Mar - 2021 | Apr - 2021 | May - 2021 | Jun - 2021 | Jul - 2021 | Aug - 2021 | Sep - 2021 | Oct - 2021 | Nov - 2021 | Dec - 2021 | 2021 | |
| Carryover | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | |
| Line #: | | | | | | | | | | | | | | |
| 63 | NSM0953 Galloping Mitigate SPK | (16) | (19) | (6) | 23 | 61 | 277 | 995 | 1,801 | 2,249 | 1,832 | 2,020 | 1,903 | 11,120 |
| 64 | NSM0953 Galloping Mitigate SPK - Moved to Base | 4,730 | 4,720 | 4,710 | 4,700 | 4,691 | 4,681 | 4,671 | 4,661 | 4,651 | - | - | - | 42,215 |
| 65 | NSP Reloc B | 1,808 | 1,774 | 1,742 | 1,755 | 1,766 | 1,795 | 1,837 | 1,858 | 1,873 | 1,738 | 1,678 | 1,678 | 21,421 |
| 66 | NSP Reloc B - Moved to Base | 6,681 | 6,655 | 6,673 | 6,685 | 6,688 | 6,730 | 6,783 | 6,681 | 6,621 | - | - | - | 60,197 |
| 67 | NSPM Major Line Rebuild | 167 | 186 | 234 | 278 | 327 | 505 | 760 | 1,464 | 2,534 | 4,631 | 2,602 | 4,356 | 18,044 |
| 68 | NSPM Major Line Rebuild - Moved to Base | 3,835 | 3,734 | 3,809 | 3,858 | 4,041 | 4,316 | 4,484 | 4,627 | 4,110 | - | - | - | 36,815 |
| 69 | NSPM Major Line Refurbishment | 1,157 | 1,708 | 2,235 | 2,403 | 2,315 | 2,431 | 2,508 | 2,593 | 2,715 | 2,682 | 2,777 | 2,919 | 28,443 |
| 70 | NSPM Major Line Refurbishment - Moved to Base | 5,610 | 5,554 | 5,542 | 5,501 | 5,461 | 5,446 | 5,430 | 5,417 | 5,403 | - | - | - | 49,362 |
| 71 | NSPM Steel Pole ELR | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 72 | Prairie Substation Capbank Remove | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 73 | Prairie Sub Expansion | 5,219 | 5,208 | 5,197 | 5,186 | 5,175 | 5,164 | 5,153 | 5,142 | 5,131 | - | - | - | 46,573 |
| 74 | Raptor Distribution Substation | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 75 | S&E - NSP Line | 8,070 | 8,122 | 8,267 | 8,452 | 8,551 | 8,653 | 8,726 | 8,747 | 8,726 | 8,302 | 8,328 | 8,421 | 101,366 |
| 76 | S&E - NSP Line - Moved to Base | 18,257 | 18,560 | 18,878 | 19,013 | 19,105 | 19,225 | 19,318 | 19,433 | 19,550 | - | - | - | 171,339 |
| 77 | S&E - NSP Sub | 7,301 | 7,339 | 7,441 | 7,517 | 7,738 | 8,186 | 8,535 | 8,736 | 8,914 | 8,633 | 8,760 | 8,879 | 97,980 |
| 78 | S&E - NSP Sub - Moved to Base | 1,989 | 1,986 | 1,982 | 1,977 | 2,013 | 2,048 | 2,043 | 2,038 | 2,033 | - | - | - | 18,109 |
| 79 | Scott Cty 345 kV Expansion | 8,360 | 8,346 | 8,331 | 8,316 | 8,302 | 8,287 | 8,273 | 8,258 | 8,243 | - | - | - | 74,716 |
| 80 | Sherco Solar Interconnection | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 81 | Sioux Falls Northern | 11,574 | 11,553 | 11,532 | 11,511 | 11,490 | 11,469 | 11,448 | 11,427 | 11,406 | - | - | - | 103,408 |
| 82 | So. Washington Electric Reliability SWERU | 42 | 40 | 43 | 44 | 45 | 46 | 46 | 46 | 47 | 45 | 45 | 45 | 533 |
| 83 | So. Washington Electric Reliability SWERU - Moved to Base | 242 | 175 | 175 | 175 | 175 | 176 | 176 | 176 | 176 | - | - | - | 1,646 |
| 84 | TACT | 765 | 896 | 1,201 | 1,619 | 1,992 | 2,208 | 2,516 | 2,682 | 2,732 | 2,660 | 2,739 | 3,057 | 25,067 |
| 85 | West St. Cloud - Black Oak | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 86 | Wilmarth-TC Thru Flow Mitigation | 45 | 45 | 50 | 50 | 50 | 50 | 45 | 45 | 45 | 42 | 42 | 47 | 555 |
| 87 | Wilson Substation Conversion | 7,192 | 7,197 | 7,186 | 7,170 | 7,144 | 7,123 | 7,120 | 7,124 | 7,118 | - | - | - | 64,374 |
| 88 | Yankee Reactor | 1,677 | 1,674 | 1,670 | 1,667 | 1,663 | 1,659 | 1,656 | 1,652 | 1,648 | - | - | - | 14,966 |
| 89 | Projects | 783,795 | 780,704 | 780,500 | 782,399 | 783,328 | 785,831 | 789,544 | 793,977 | 797,031 | 69,919 | 72,796 | 75,451 | 7,295,275 |
| 90 | MISO RECB Sch.26/26a | (111,422) | (2,134) | 19,317 | (75,039) | 3,600 | 64,693 | (3,874) | 21,837 | 10,256 | (22,859) | (58,427) | (25,547) | (179,599) |
| 91 | Base Rates | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 92 | TCR True-up Carryover | 218,403 | - | - | - | - | - | - | - | - | - | - | - | 218,403 |
| 93 | Revenue Requirement (RR) | 890,776 | 778,570 | 799,817 | 707,359 | 786,928 | 850,524 | 785,670 | 815,814 | 807,287 | 47,060 | 14,369 | 49,904 | 7,334,079 |
| 94 | Revenue Collections (RC) | 798,907 | 759,131 | 762,420 | 623,704 | 649,271 | 738,540 | 836,430 | 822,755 | 643,929 | (8,890) | 45,958 | 27,696 | 6,699,852 |
| 95 | Monthly RR - RC | 91,869 | 19,439 | 37,397 | 83,655 | 137,656 | 111,984 | (50,760) | (6,941) | 163,358 | 55,950 | (31,589) | 22,209 | - |
| 96 | Balance (RR - RC + Cumulative CC) | 218,403 | 91,869 | 111,308 | 148,705 | 232,360 | 370,016 | 482,000 | 431,241 | 424,299 | 587,658 | 643,608 | 612,019 | 634,227 |

Monthly Revenue Requirement Filing Summary

| Amounts in dollars | | 2022 Monthly Details | | | | | | | | | | | | |
|--------------------|---|----------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| | | Jan - 2022 | Feb - 2022 | Mar - 2022 | Apr - 2022 | May - 2022 | Jun - 2022 | Jul - 2022 | Aug - 2022 | Sep - 2022 | Oct - 2022 | Nov - 2022 | Dec - 2022 | 2022 |
| | | Mixed | Mixed | Mixed | Mixed | Mixed | Mixed | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Mixed |
| Line #: | | | | | | | | | | | | | | |
| 63 | NSM0953 Galloping Mitigate SPK | 2,084 | 2,110 | 2,168 | 2,166 | 2,165 | 2,173 | 2,148 | 2,143 | 2,137 | 2,132 | 2,127 | 2,121 | 25,673 |
| 64 | NSM0953 Galloping Mitigate SPK - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 65 | NSP Reloc B | 1,598 | 1,674 | 1,695 | 1,614 | 1,589 | 1,604 | 1,655 | 1,671 | 1,722 | 1,813 | 1,894 | 1,929 | 20,458 |
| 66 | NSP Reloc B - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 67 | NSPM Major Line Rebuild | 4,061 | 4,918 | 5,974 | 7,634 | 9,856 | 12,112 | 14,412 | 17,370 | 21,107 | 24,990 | 28,205 | 30,326 | 180,964 |
| 68 | NSPM Major Line Rebuild - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 69 | NSPM Major Line Refurbishment | 3,004 | 3,094 | 3,244 | 3,450 | 3,599 | 3,713 | 4,465 | 5,537 | 6,364 | 7,392 | 9,086 | 10,658 | 63,607 |
| 70 | NSPM Major Line Refurbishment - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 71 | NSPM Steel Pole ELR | (96) | (95) | (89) | (78) | (65) | (49) | (34) | 50 | 206 | 892 | 3,202 | 6,271 | 10,115 |
| 72 | Prairie Substation Capbank Remove | 876 | 880 | 892 | 900 | 900 | 903 | 904 | 902 | 900 | 898 | 895 | 893 | 10,743 |
| 73 | Prairie Sub Expansion | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 74 | Raptor Distribution Substation | 908 | 906 | 904 | 902 | 900 | 898 | 895 | 893 | 891 | 889 | 887 | 885 | 10,757 |
| 75 | S&E - NSP Line | 8,326 | 8,421 | 8,472 | 8,505 | 8,561 | 8,626 | 8,716 | 8,810 | 9,142 | 9,528 | 9,710 | 9,943 | 106,760 |
| 76 | S&E - NSP Line - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 77 | S&E - NSP Sub | 8,944 | 9,055 | 9,234 | 9,488 | 9,651 | 9,766 | 9,961 | 10,102 | 10,197 | 10,318 | 10,424 | 10,772 | 117,912 |
| 78 | S&E - NSP Sub - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 79 | Scott Cty 345 kV Expansion | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 80 | Sherco Solar Interconnection | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 81 | Sioux Falls Northern | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 82 | So. Washington Electric Reliability SWERU | (43) | (43) | (39) | (32) | 646 | 146 | 164 | 189 | 228 | 268 | 306 | 339 | 2,129 |
| 83 | So. Washington Electric Reliability SWERU - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 84 | TACT | 3,811 | 3,970 | 3,968 | 3,924 | 3,872 | 3,872 | 3,884 | 3,897 | 3,930 | 3,997 | 4,155 | 4,418 | 47,697 |
| 85 | West St. Cloud - Black Oak | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 86 | Wilmarth-TC Thru Flow Mitigation | 41 | 41 | 31 | 31 | 28 | 30 | 38 | 40 | 42 | 45 | 47 | 50 | 466 |
| 87 | Wilson Substation Conversion | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 88 | Yankee Reactor | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 89 | Projects | 94,538 | 97,433 | 100,486 | 104,315 | 108,985 | 112,546 | 117,438 | 124,709 | 133,430 | 143,082 | 154,098 | 181,777 | 1,472,837 |
| 90 | MISO RECB Sch.26/26a | (43,885) | (69,880) | (42,855) | (44,770) | (44,064) | (22,848) | (25,008) | (40,405) | (44,955) | (73,719) | (65,677) | (62,857) | (580,923) |
| 91 | Base Rates | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 92 | TCR True-up Carryover | 634,227 | - | - | - | - | - | - | - | - | - | - | - | 634,227 |
| 93 | Revenue Requirement (RR) | 684,880 | 27,553 | 57,631 | 59,546 | 64,921 | 89,698 | 92,430 | 84,304 | 88,475 | 69,362 | 88,421 | 118,920 | 1,526,142 |
| 94 | Revenue Collections (RC) | 29,948 | 25,921 | 154,251 | 116,266 | 125,099 | 131,710 | 146,513 | 144,837 | 120,647 | 125,898 | 133,838 | 149,610 | 1,404,538 |
| 95 | Monthly RR - RC | 654,931 | 1,632 | (96,619) | (56,720) | (60,178) | (42,011) | (54,083) | (60,533) | (32,172) | (56,535) | (45,417) | (30,690) | |
| 96 | Balance (RR - RC + Cumulative CC) | 654,931 | 656,564 | 559,944 | 503,224 | 443,046 | 401,035 | 346,951 | 286,418 | 254,246 | 197,710 | 152,293 | 121,603 | 121,603 |

Monthly Revenue Requirement Filing Summary

| 2023 Monthly Details | | | | | | | | | | | | | |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|---------|
| Jan - 2023 | Feb - 2023 | Mar - 2023 | Apr - 2023 | May - 2023 | Jun - 2023 | Jul - 2023 | Aug - 2023 | Sep - 2023 | Oct - 2023 | Nov - 2023 | Dec - 2023 | 2023 | |
| Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | |
| Line #: | | | | | | | | | | | | | |
| 1 Aldrich DCP | 146 | 154 | 162 | 170 | 178 | 186 | 194 | 202 | 210 | 227 | 251 | 305 | 2,384 |
| 2 Avon - Albany Rebuild | 3,455 | 3,447 | 3,438 | 3,430 | 3,422 | 3,414 | 3,406 | 3,397 | 3,389 | 3,381 | 3,372 | 3,364 | 40,915 |
| 3 Bayfield Loop | 20,541 | 20,580 | 20,581 | 20,549 | 20,496 | 20,441 | 20,388 | 20,334 | 20,280 | 20,226 | 20,172 | 20,119 | 244,706 |
| 4 Big Stone-Brookings | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 Black Dog - Savage | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 Black Dog - Wilson | 1,445 | 1,442 | 1,438 | 1,435 | 1,432 | 1,428 | 1,425 | 1,422 | 1,418 | 1,415 | 1,411 | 1,408 | 17,119 |
| 7 Bluff Creek - Westgate | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 CAPX2020 - Brookings | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 CAPX2020 - Fargo | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 CAPX2020 - La Crosse Local | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11 CAPX2020 - La Crosse MISO | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 CAPX2020 - La Crosse MISO - WI | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 13 Cass County SUB Expansion | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 14 Chaska - Hwy 212 Conversion | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 15 Chisago 2nd Transformer Addition | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 Comm Network Program | 16,113 | 16,643 | 17,504 | 18,500 | 19,296 | 20,290 | 21,382 | 22,091 | 23,152 | 24,322 | 25,035 | 25,730 | 250,057 |
| 17 CVA SIC Arresters | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18 DCP Daytons Bluff Sub | (8) | (0) | 16 | 32 | 48 | 64 | 80 | 97 | 113 | 129 | 145 | 153 | 869 |
| 19 DCP Great Plains | 450 | 476 | 477 | 479 | 512 | 544 | 543 | 543 | 542 | 541 | 540 | 539 | 6,184 |
| 20 Dean Lake Substation | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 21 Elm Creek New Transformer 10 Install | 1,591 | 1,911 | 2,071 | 2,231 | 2,392 | 2,508 | 2,572 | 2,629 | 2,685 | 2,760 | 2,861 | 3,175 | 29,385 |
| 22 Elm Creek TR9 Reactor | 170 | 197 | 251 | 296 | 320 | 337 | 350 | 360 | 366 | 366 | 366 | 391 | 3,772 |
| 23 ELR - Breakers - NSPM | 5,683 | 5,810 | 5,870 | 6,270 | 6,349 | 6,758 | 7,145 | 7,259 | 7,732 | 8,267 | 8,832 | 9,192 | 85,168 |
| 24 ELR - Breakers - NSPM - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 ELR - Relay - NSPM | 5,371 | 5,679 | 6,021 | 6,345 | 6,567 | 6,748 | 7,013 | 7,297 | 8,000 | 8,673 | 8,905 | 9,089 | 85,709 |
| 26 ELR - Relay - NSPM - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 27 ELR - Transformers - NSPM | 1,941 | 1,935 | 2,035 | 2,135 | 2,130 | 2,229 | 2,330 | 2,325 | 2,425 | 2,525 | 2,520 | 3,708 | 28,236 |
| 28 ELR - Transformers - NSPM - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 ELR Nuclear NSPM | 1,803 | 1,916 | 1,970 | 1,995 | 2,023 | 2,101 | 2,407 | 2,688 | 2,809 | 2,967 | 3,073 | 2,901 | 28,653 |
| 30 ELR Nuclear NSPM - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 Franklin Transformer | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 32 Gleason Lake Sub | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 33 Glencoe - Waconia | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 34 GRE - Lake Wilson Breaker Station | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 35 Helena to Scott County MISO Interconnections | 10,146 | 10,121 | 10,098 | 10,074 | 10,050 | 10,026 | 10,003 | 9,979 | 9,955 | 9,931 | 9,907 | 9,884 | 120,175 |
| 36 HIBTAC 500kV | 8,520 | 8,500 | 8,480 | 8,459 | 8,439 | 8,419 | 8,399 | 8,378 | 8,358 | 8,338 | 8,317 | 8,297 | 100,902 |
| 37 Hollydale Dist. 115kV | 1,005 | 1,002 | 1,000 | 998 | 995 | 993 | 991 | 988 | 986 | 984 | 981 | 979 | 11,902 |
| 38 Hollydale Dist. 115kV - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 39 HPFF Minneapolis Upgrade | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 40 HPFF Minneapolis Upgrade - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 41 Huntley-South Bend 161kV | 7 | 12 | 16 | 22 | 29 | 40 | 60 | 95 | 137 | 174 | 207 | 255 | 1,055 |
| 42 Huntley - Wilmarth | 27,200 | 27,137 | 27,075 | 27,012 | 26,950 | 26,886 | 26,825 | 26,762 | 26,699 | 26,637 | 26,573 | 26,512 | 322,267 |
| 43 Kohlman Lake-Goose Lake 2nd ckt | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 44 La Crosse - Madison 345 kV Lin | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 45 Lake Marion Burnsville | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 46 Lawrence to Falls Capacity Enhancement | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 47 Lincoln County Capacitor Bank | 2,081 | 2,090 | 2,094 | 2,092 | 2,086 | 2,080 | 2,075 | 2,069 | 2,063 | 2,057 | 2,051 | 2,045 | 24,882 |
| 48 Line 0953 OPGW Replacement | 2,060 | 2,055 | 2,051 | 2,046 | 2,041 | 2,036 | 2,031 | 2,027 | 2,022 | 2,017 | 2,012 | 2,007 | 24,405 |
| 49 Line ELR - NSPM | 4,084 | 4,150 | 4,216 | 4,282 | 4,348 | 4,414 | 4,480 | 4,628 | 4,882 | 5,161 | 5,446 | 5,906 | 55,998 |
| 50 Line ELR - NSPM - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 51 Long Lake-Baytown Line Uprate | 541 | 581 | 580 | 579 | 577 | 576 | 575 | 574 | 573 | 572 | 571 | 569 | 6,867 |
| 52 Magic City | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 53 Mallard Substation Expansion | 888 | 933 | 978 | 1,024 | 1,079 | 1,198 | 1,328 | 1,394 | 1,463 | 1,518 | 1,557 | 1,617 | 14,978 |
| 54 Maple Lake - Annandale | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 55 Maple River Red River | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 Minn Valley | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 57 Minot Load Serving | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 58 MPC Fossum IA | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 59 NERC Order 754 NSPM | 1,107 | 1,495 | 2,013 | 2,336 | 2,480 | 2,590 | 2,697 | 2,746 | 2,870 | 3,026 | 3,141 | 2,899 | 29,400 |
| 60 NERC Order 754 NSPM - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 61 New Prague Area | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 62 Nighthawk Substation | (25) | (22) | 31 | 135 | 239 | 501 | 921 | 1,340 | 1,760 | 1,982 | 1,998 | 1,658 | 10,520 |

Monthly Revenue Requirement Filing Summary

| 2023 Monthly Details | | | | | | | | | | | | | |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Jan - 2023 | Feb - 2023 | Mar - 2023 | Apr - 2023 | May - 2023 | Jun - 2023 | Jul - 2023 | Aug - 2023 | Sep - 2023 | Oct - 2023 | Nov - 2023 | Dec - 2023 | 2023 | |
| Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | Forecast | |
| Line #: | | | | | | | | | | | | | |
| 63 NSM0953 Galloping Mitigate SPK | 2,240 | 2,235 | 2,229 | 2,224 | 2,219 | 2,213 | 2,208 | 2,203 | 2,197 | 2,192 | 2,187 | 2,181 | 26,527 |
| 64 NSM0953 Galloping Mitigate SPK - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 65 NSP Reloc B | 2,093 | 2,090 | 2,114 | 2,175 | 2,207 | 2,252 | 2,304 | 2,371 | 2,499 | 2,661 | 2,769 | 2,893 | 28,428 |
| 66 NSP Reloc B - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 67 NSPM Major Line Rebuild | 34,989 | 37,139 | 38,938 | 41,162 | 42,918 | 43,176 | 44,221 | 45,661 | 47,731 | 50,005 | 51,883 | 52,060 | 529,884 |
| 68 NSPM Major Line Rebuild - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 69 NSPM Major Line Refurbishment | 12,920 | 13,591 | 14,323 | 15,381 | 16,356 | 16,963 | 18,503 | 19,221 | 20,372 | 21,339 | 22,318 | 24,424 | 215,710 |
| 70 NSPM Major Line Refurbishment - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 71 NSPM Steel Pole ELR | 6,958 | 7,289 | 7,671 | 8,042 | 8,371 | 8,745 | 9,107 | 9,437 | 9,810 | 10,171 | 10,500 | 10,873 | 106,973 |
| 72 Prairie Substation Capbank Remove | 944 | 941 | 939 | 937 | 935 | 933 | 931 | 928 | 926 | 924 | 922 | 920 | 11,179 |
| 73 Prairie Sub Expansion | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 74 Raptor Distribution Substation | 928 | 926 | 924 | 922 | 919 | 917 | 915 | 913 | 911 | 909 | 906 | 904 | 10,994 |
| 75 S&E - NSP Line | 10,909 | 11,207 | 11,598 | 11,969 | 12,273 | 12,666 | 13,119 | 13,584 | 14,284 | 14,856 | 15,155 | 15,585 | 157,204 |
| 76 S&E - NSP Line - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 77 S&E - NSP Sub | 11,490 | 11,513 | 11,575 | 11,598 | 11,636 | 11,710 | 11,837 | 11,965 | 12,026 | 12,449 | 12,886 | 13,066 | 143,752 |
| 78 S&E - NSP Sub - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 79 Scott Cty 345 kV Expansion | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 80 Sherco Solar Interconnection | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 81 Sioux Falls Northern | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 82 So. Washington Electric Reliability SWERU | 461 | 744 | 940 | 1,110 | 1,272 | 1,287 | 1,463 | 1,478 | 1,491 | 1,505 | 1,527 | 1,575 | 14,854 |
| 83 So. Washington Electric Reliability SWERU - Moved to Base | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 84 TACT | 4,967 | 4,955 | 4,943 | 4,932 | 4,920 | 4,908 | 4,897 | 4,885 | 4,874 | 4,862 | 4,850 | 4,839 | 58,833 |
| 85 West St. Cloud - Black Oak | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 86 Wilmarth-TC Thru Flow Mitigation | 12 | 81 | 207 | 372 | 470 | 501 | 524 | 691 | 1,011 | 1,330 | 1,650 | 2,002 | 8,851 |
| 87 Wilson Substation Conversion | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 88 Yankee Reactor | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 89 Projects | 205,223 | 210,955 | 216,872 | 223,745 | 228,976 | 233,080 | 239,649 | 244,960 | 253,019 | 261,396 | 267,799 | 274,023 | 2,859,698 |
| 90 MISO RECB Sch.26/26a | (107,524) | (118,773) | (100,240) | (94,119) | (84,279) | (70,352) | (70,148) | (91,240) | (71,644) | (110,815) | (98,822) | (104,127) | (1,122,083) |
| 91 Base Rates | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 92 TCR True-up Carryover | 121,603 | - | - | - | - | - | - | - | - | - | - | - | 121,603 |
| 93 Revenue Requirement (RR) | 219,303 | 92,182 | 116,632 | 129,626 | 144,697 | 162,728 | 169,500 | 153,720 | 181,375 | 150,582 | 168,978 | 169,896 | 1,859,218 |
| 94 Revenue Collections (RC) | 157,333 | 159,060 | 169,017 | 134,816 | 143,936 | 150,276 | 168,679 | 166,382 | 138,750 | 144,693 | 153,800 | 171,772 | 1,858,514 |
| 95 Monthly RR - RC | 61,970 | (66,879) | (52,385) | (5,190) | 761 | 12,452 | 821 | (12,662) | 42,625 | 5,889 | 15,178 | (1,875) | - |
| 96 Balance (RR - RC + Cumulative CC) | 61,970 | (4,909) | (57,294) | (62,485) | (61,724) | (49,272) | (48,451) | (61,112) | (18,487) | (12,598) | 2,580 | 704 | 704 |

Line No

| Northern States Power Company | | | |
|---|-----------|--------------------|------------------------------|
| North Dakota Transmission Cost Rider | | | |
| Projected 2023 effective February 1, 2023 - Revised Filing | | | |
| <u>Description</u> | | <u>All Classes</u> | |
| North Dakota Retail Revenue Requirement | \$ | 1,859,218 | From Line 93 of Attachment 4 |
| Less Jan'23 Collections | | (157,333) | |
| Remaining Revenue Requirement ⁽¹⁾ | | 1,701,885 | |
| Forecasted North Dakota MWh ⁽²⁾ | | 1,948,661 | From Line 27 of Attachment 6 |
| Total Factor / kWh | \$ | 0.000873 | (Line 1 / Line 2) / 1,000 |
| Residential bill impact / Month ⁽³⁾ | \$ | 0.65 | Line 3 * 750 kWh |

Notes:

(1) Annual cost includes true-up adjustment to Tracker Account for the previous year's over- or under-recovery. Please see line 92 of Attachment 4 for details.

(2) Reflects forecasted February-December 2023 calendar month sales. See line 26 of Attachment 6 for detail.

(3) Assumes 750 kWh per month.

| Northern States Power Company | | | |
|--|-----------|--------------------|--|
| North Dakota Transmission Cost Rider | | | |
| Projected 2023 effective February 1, 2023 - Original Filing | | | |
| <u>Description</u> | | <u>All Classes</u> | |
| North Dakota Retail Revenue Requirement | \$ | 1,876,124 | |
| Less Jan'23 Collections | | (157,333) | |
| Remaining Revenue Requirement ⁽¹⁾ | | 1,718,791 | |
| Forecasted North Dakota MWh ⁽²⁾ | | 1,948,661 | |
| Total Factor / kWh | \$ | 0.000882 | |
| Residential bill impact / Month ⁽³⁾ | \$ | 0.66 | |

Notes:

(1) Annual cost includes true-up adjustment to Tracker Account for the previous year's over- or under-recovery. Please see line 92 of Attachment 4 for details.

(2) Reflects forecasted February-December 2023 calendar month sales. See line 26 of Attachment 6 for detail.

(3) Assumes 750 kWh per month.

| Northern States Power Company | | | |
|--|-----------|--------------------|--|
| North Dakota Transmission Cost Rider | | | |
| 2022 Approved Rate | | | |
| <u>Description</u> | | <u>All Classes</u> | |
| North Dakota Retail Revenue Requirement | \$ | 1,382,297 | |
| Less Jan'22 thru Feb'22 Collections | | (54,027) | |
| Remaining Revenue Requirement ⁽¹⁾ | | 1,328,270 | |
| Forecasted North Dakota MWh ⁽²⁾ | | 1,739,663 | |
| Total Factor / kWh | \$ | 0.000764 | |
| Residential bill impact / Month ⁽³⁾ | \$ | 0.57 | |

Notes:

(1) Annual cost includes true-up adjustment to Tracker Account for the previous year's over- or under-recovery.

(2) Reflects forecasted calendar month sales for March 2022 thru December 2022.

(3) Assumes 750 kWh per month.

Legislative

TRANSMISSION COST RIDER

Section No. 5
~~12th~~^{13th} Revised Sheet No. 86

APPLICATION

Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER

There will be included on each customer's monthly bill a Transmission Cost Rider (TCR) charge for purposes of recovering transmission capital and operating costs not presently reflected in base retail rates. The TCR charge shall be determined by multiplying a customer's monthly billed kWh for electric service by the current TCR rate. The TCR charge shall be calculated prior to the application of any City Fees and/or sales tax.

DETERMINATION OF TCR RATE

The TCR rate is calculated by dividing the forecasted balance of the TCR Tracker Account by the forecasted retail sales. The TCR rate shall be rounded to the nearest \$0.000001 per kWh.

Transmission costs recoverable under this Rider include (i) the annual revenue requirements associated with electric transmission facilities eligible for recovery under NDCC 49.05.04.1, and (ii) federally regulated costs charged to or incurred by the Company to increase regional transmission capacity or reliability. A standardized forecast model will be used to calculate the total revenue requirements for eligible transmission facilities affecting the recovery period. Forecasted retail sales shall be the estimated total retail electric sales for the applicable recovery period.

The TCR rate will be determined annually for each upcoming calendar year recovery period through a TCR rate adjustment application to the North Dakota Public Service Commission.

The TCR rate will apply to monthly billed kWh rendered on and after January 1st of the recovery year. The present TCR rate is:

All Customer Classes \$0.000~~764~~⁸⁷³ per kWh

C

All approved costs appropriately charged to the TCR Tracker Account shall be eligible for recovery through this Rider, and all revenues recovered through the Rider shall be credited to the TCR Tracker Account.

TRUE-UP

For each 12-month period ending December 31, a true-up will be calculated reflecting the difference between actual TCR revenue and actual qualifying TCR costs. The resulting true-up amount shall be netted with the forecasted TCR cost for the current calendar year. The difference between forecasted TCR revenue and forecasted qualifying TCR costs for the current calendar year is then included in the calculation of the TCR rate proposed for the following calendar year.

For example, Year 1 actual TCR revenue will be compared to actual Year 1 TCR costs and the difference rolled into the forecasted Year 2 costs. Year 2 forecasted TCR revenue is then compared to forecasted Year 2 TCR costs and the difference included in the calculation of the proposed TCR rate to be effective in Year 3.

Date Filed: ~~10-04-21~~¹¹⁻⁰³⁻²² By: Christopher B. Clark Effective Date: ~~03-01-22~~
President, Northern States Power Company, a Minnesota corporation
Case No. PU-~~21-396~~²²⁻⁴⁰² Order Date: ~~02-23-22~~

Non-Legislative

TRANSMISSION COST RIDER

Section No. 5
13th Revised Sheet No. 86

APPLICATION

Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER

There will be included on each customer's monthly bill a Transmission Cost Rider (TCR) charge for purposes of recovering transmission capital and operating costs not presently reflected in base retail rates. The TCR charge shall be determined by multiplying a customer's monthly billed kWh for electric service by the current TCR rate. The TCR charge shall be calculated prior to the application of any City Fees and/or sales tax.

DETERMINATION OF TCR RATE

The TCR rate is calculated by dividing the forecasted balance of the TCR Tracker Account by the forecasted retail sales. The TCR rate shall be rounded to the nearest \$0.000001 per kWh.

Transmission costs recoverable under this Rider include (i) the annual revenue requirements associated with electric transmission facilities eligible for recovery under NDCC 49.05.04.1, and (ii) federally regulated costs charged to or incurred by the Company to increase regional transmission capacity or reliability. A standardized forecast model will be used to calculate the total revenue requirements for eligible transmission facilities affecting the recovery period. Forecasted retail sales shall be the estimated total retail electric sales for the applicable recovery period.

The TCR rate will be determined annually for each upcoming calendar year recovery period through a TCR rate adjustment application to the North Dakota Public Service Commission.

The TCR rate will apply to monthly billed kWh rendered on and after January 1st of the recovery year. The present TCR rate is:

| | | |
|----------------------|--------------------|---|
| All Customer Classes | \$0.000873 per kWh | C |
|----------------------|--------------------|---|

All approved costs appropriately charged to the TCR Tracker Account shall be eligible for recovery through this Rider, and all revenues recovered through the Rider shall be credited to the TCR Tracker Account.

TRUE-UP

For each 12-month period ending December 31, a true-up will be calculated reflecting the difference between actual TCR revenue and actual qualifying TCR costs. The resulting true-up amount shall be netted with the forecasted TCR cost for the current calendar year. The difference between forecasted TCR revenue and forecasted qualifying TCR costs for the current calendar year is then included in the calculation of the TCR rate proposed for the following calendar year.

For example, Year 1 actual TCR revenue will be compared to actual Year 1 TCR costs and the difference rolled into the forecasted Year 2 costs. Year 2 forecasted TCR revenue is then compared to forecasted Year 2 TCR costs and the difference included in the calculation of the proposed TCR rate to be effective in Year 3.

Proposed Customer Bill Notice

Transmission Cost Rider Rate Increase Effective February 1, 2023

The Transmission Cost Rider (TCR) line item on your bill recovers investment costs associated with transmission lines, substations, and equipment, in addition to certain regional transmission costs. Beginning February 1, 2023, the TCR rate will increase from the previously approved rate of \$0.000764 to \$0.000873 per kWh.

Residential Electric Service – Average Bill

The chart below shows the change to customer bills from the TCR rate increase. The comparison does not reflect any other rate changes that may occur at the same time.

| | Previous | | | | New | | | | | |
|-------------|---------------|------------|---------------|----------|---------------|--------------|----------------|----------|----------------|----------------|
| Usage (kWh) | Other Charges | TCR Rate | TCR Charge | Bill | Other Charges | New TCR Rate | New TCR Charge | New Bill | Change In Bill | Percent Change |
| 400 | \$58.60 | \$0.000764 | \$0.31 | \$58.91 | \$58.60 | \$0.000873 | \$0.35 | \$58.95 | \$0.04 | 0.07% |
| 500 | \$69.50 | \$0.000764 | \$0.38 | \$69.88 | \$69.50 | \$0.000873 | \$0.44 | \$69.94 | \$0.06 | 0.09% |
| 600 | \$80.40 | \$0.000764 | \$0.46 | \$80.86 | \$80.40 | \$0.000873 | \$0.52 | \$80.92 | \$0.06 | 0.07% |
| 750 | \$96.75 | \$0.000764 | \$0.57 | \$97.32 | \$96.75 | \$0.000873 | \$0.66 | \$97.40 | \$0.08 | 0.08% |
| 1000 | \$124.00 | \$0.000764 | \$0.76 | \$124.76 | \$124.00 | \$0.000873 | \$0.87 | \$124.87 | \$0.11 | 0.09% |
| 1500 | \$178.50 | \$0.000764 | \$1.15 | \$179.65 | \$178.50 | \$0.000873 | \$1.31 | \$179.81 | \$0.16 | 0.09% |
| 2000 | \$233.00 | \$0.000764 | \$1.53 | \$234.53 | \$233.00 | \$0.000873 | \$1.75 | \$234.75 | \$0.22 | 0.09% |

For more information

You may examine the updated TCR rate rider by visiting our website at xcelenergy.com/NDRates.