



April 4, 2024

—Via Electronic Filing—

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

RE: 2023 ANNUAL REPORT – ADDITIONAL CORRECTION

COMMISSION INVESTIGATION INTO SELF-COMMITMENT AND SELF-

SCHEDULING OF LARGE BASELOAD GENERATION FACILITIES

DOCKET NO. E999/CI-19-704

Dear Mr. Seuffert:

Northern States Power Company, doing business as Xcel Energy, submits this additional correction to the Company's 2023 Annual Report in the above-referenced docket, initially filed on March 1, 2024. The Department of Commerce, Division of Energy Resources, brought to our attention that Attachment F, page 27 of 27 providing monthly Company-owned wind curtailment data did not include wind facility production by month as required. We apologize for this error and attach the corrected version of Attachment F in its entirety to this filing.

Please note that portions of Attachment F are marked as "Not Public." Certain data is considered to be "not public data" pursuant to Minn. Stat. §13.02, Subd. 9, and is "Trade Secret" information pursuant to Minn. Stat. §13.37, subd. 1(b) as this data 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.

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 Rebecca Eilers at rebecca.d.eilers@xcelenergy.com or 612-330-5570 if you have any questions regarding this filing.

SINCERELY,

/s/

REBECCA EILERS REGULATORY MANAGER

Enclosures cc: Service List

Docket No. E999/CI-19-704 2023 Annual Report Corrected Attachment F - Page 1 of 27

Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - 2023 Total

| | Date | Paid | Wind Prod | uction Delivered | Lost F | roduction | |
|------------|-----------|------|--------------|-------------------|--------------|------------------|-------------------|
| | | | | Amount | | Amount | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Paid |
| | | | | | | | |
| Jan-21 | | | 415,276.96 | 12,790,075.17 | 55,813.10 | 2,807,900.43 | \$ 15,597,975.60 |
| Feb-21 | | | 299,731.39 | 9,077,653.32 | 33,081.74 | 1,494,249.98 | \$ 10,571,903.30 |
| Mar-21 | | | 454,702.83 | 13,823,194.08 | 102,918.72 | 4,570,158.12 | \$ 18,393,352.20 |
| Apr-21 | | | 452,040.18 | 13,764,354.19 | 95,559.76 | 4,295,598.08 | \$ 18,059,952.27 |
| May-21 | | | 378,818.38 | 11,076,185.38 | 83,722.64 | 3,810,012.94 | \$ 14,886,198.32 |
| Jun-21 | | | 279,425.87 | 8,220,002.13 | 53,729.94 | 2,451,113.61 | \$ 10,671,115.74 |
| Jul-21 | | | 254,534.12 | 6,964,756.60 | 19,170.23 | 842,853.61 | \$ 7,807,610.21 |
| Aug-21 | | | 334,103.43 | 9,296,401.87 | 45,423.20 | 2,027,854.35 | \$ 11,324,256.22 |
| Sep-21 | | | 365,006.51 | 10,674,869.41 | 90,261.00 | 4,036,330.17 | \$ 14,711,199.58 |
| Oct-21 | | | 374,769.54 | 10,876,269.01 | 127,250.80 | 5,717,621.97 | \$ 16,593,890.98 |
| Nov-21 | | | 475,572.96 | 14,208,437.64 | 117,907.39 | 5,371,503.97 | \$ 19,579,941.61 |
| Dec-21 | | | 477,025.60 | 15,228,791.71 | 102,492.38 | 4,738,764.29 | \$ 19,967,556.00 |
| Total-21 | | | 4,561,007.76 | \$ 136,000,990.51 | 927,330.92 | \$ 42,163,961.52 | \$ 178,164,952.03 |
| Jan-22 | | | 486,114.99 | 15,421,309.72 | 133,508.58 | 6,145,798.49 | \$ 21,567,108.21 |
| Feb-22 | | | 502,705.35 | 14,769,300.19 | 108,559.97 | 4,988,995.72 | \$ 19,758,295.91 |
| Mar-22 | | | 514,652.57 | 15,019,353.70 | 92,798.08 | 4,318,981.66 | \$ 19,338,335.36 |
| Apr-22 | | | 530,699.02 | 15,996,139.35 | 214,574.54 | 9,782,194.55 | \$ 25,778,333.90 |
| May-22 | | | 366,916.47 | 11,262,896.97 | 109,890.35 | 5,166,458.68 | \$ 16,429,355.65 |
| Jun-22 | | | 350,175.92 | 10,518,548.04 | 63,910.23 | 3,115,800.38 | \$ 13,583,670.96 |
| Jul-22 | | | 301,204.95 | 8,932,747.36 | 33,917.25 | 1,645,347.40 | \$ 10,529,413.05 |
| Aug-22 | | | 313,056.66 | 9,541,612.85 | 17,553.49 | 841,351.23 | \$ 10,382,964.08 |
| Sep-22 | | | 363,404.50 | 11,401,827.49 | 58,496.79 | 2,698,650.21 | \$ 14,100,477.70 |
| Oct-22 | | | 456,771.15 | 13,490,974.69 | 89,873.45 | 4,187,674.83 | \$ 17,678,649.52 |
| Nov-22 | | | 520,187.11 | 15,784,594.96 | 99,216.95 | 4,491,208.90 | \$ 20,275,803.86 |
| Dec-22 | | | 429,825.87 | 13,875,252.48 | 47,946.35 | 2,182,658.21 | \$ 16,057,910.69 |
| Total-22 | | | 5,135,714.56 | \$ 156,014,557.80 | 1,070,246.02 | \$ 49,565,120.26 | \$ 205,480,318.89 |
| Jan-23 | | | 393,539.81 | 11,685,951.91 | 31,307.96 | 1,193,237.63 | \$ 12,879,189.54 |
| Feb-23 | | | 457,372.21 | 12,714,269.78 | 105,822.35 | 4,515,463.23 | \$ 17,229,733.01 |
| Mar-23 | | | 401,518.34 | 11,177,949.13 | 126,969.66 | 5,145,929.23 | \$ 16,323,878.36 |
| Apr-23 | | | 401,450.67 | 11,239,143.01 | 233,339.64 | 8,885,901.35 | \$ 20,125,044.36 |
| May-23 | | | 356,283.30 | 10,473,135.98 | 107,749.67 | 4,332,169.82 | \$ 14,805,305.80 |
| Jun-23 | | | 229,902.24 | 6,547,246.80 | 25,986.97 | 1,131,588.32 | \$ 7,678,835.12 |
| Jul-23 | | | 227,960.97 | 5,997,173.58 | 14,721.14 | 620,226.20 | \$ 6,617,399.78 |
| Aug-23 | | | 301,707.75 | 8,590,910.10 | 40,692.28 | 1,443,504.63 | \$ 10,034,414.73 |
| Sep-23 | | | 292,808.25 | 8,774,907.11 | 49,521.10 | 1,774,220.77 | \$ 10,549,127.88 |
| Oct-23 | | | 349,930.24 | 10,155,505.00 | 157,120.66 | 6,385,763.52 | \$ 16,541,268.52 |
| Nov-23 | | | 406,071.27 | 11,712,085.22 | 141,210.53 | 5,696,922.71 | \$ 17,409,007.93 |
| Dec-23 | | | 423,291.87 | 12,257,537.96 | 72,952.92 | 2,819,767.57 | \$ 15,077,305.53 |
| Total-23 | | | 4,241,836.91 | , , | 1,107,394.86 | \$ 43,944,694.98 | \$ 165,270,510.56 |

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Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Curtailment Reason Code 3 (MISO)

| | Date | Paid | Wind Prod | uction Delivered | Lost F | roduction | |
|------------|-----------|------|--------------|-------------------|--------------|------------------|-------------------|
| | | | | Amount | | Amount | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Paid |
| | | | | | | | |
| Jan-21 | | | 286,239.78 | 8,608,971.51 | 55,813.10 | 2,807,900.43 | \$ 11,416,871.94 |
| Feb-21 | | | 207,036.82 | 5,238,392.38 | 33,081.74 | 1,494,249.98 | \$ 6,732,642.36 |
| Mar-21 | | | 313,731.84 | 7,958,889.42 | 102,918.72 | 4,570,158.12 | \$ 12,529,047.54 |
| Apr-21 | | | 359,879.41 | 10,295,738.72 | 95,559.76 | 4,295,598.08 | \$ 14,591,336.80 |
| May-21 | | | 335,682.76 | 9,476,493.54 | 83,722.64 | 3,810,012.94 | \$ 13,286,506.48 |
| Jun-21 | | | 244,634.08 | 6,801,152.64 | 53,729.94 | 2,451,113.61 | \$ 9,252,266.25 |
| Jul-21 | | | 188,634.61 | 4,407,043.28 | 19,170.23 | 842,853.61 | \$ 5,249,896.89 |
| Aug-21 | | | 279,344.49 | 7,183,597.10 | 45,423.20 | 2,027,854.35 | \$ 9,211,451.45 |
| Sep-21 | | | 317,149.99 | 8,632,740.85 | 90,261.00 | 4,036,330.17 | \$ 12,669,071.02 |
| Oct-21 | | | 322,379.24 | 8,637,684.25 | 127,250.80 | 5,717,621.97 | \$ 14,355,306.22 |
| Nov-21 | | | 409,323.89 | 11,381,625.18 | 117,907.39 | 5,371,503.97 | \$ 16,753,129.15 |
| Dec-21 | | | 413,313.74 | 12,568,403.16 | 102,492.38 | 4,738,764.29 | \$ 17,307,167.45 |
| Total-21 | | | 3,677,350.63 | \$ 101,190,732.03 | 927,330.92 | \$ 42,163,961.52 | \$ 143,354,693.55 |
| Jan-22 | | | 421,262.70 | 12,660,937.24 | 133,508.58 | 6,145,798.49 | \$ 18,806,735.73 |
| Feb-22 | | | 444,805.98 | 12,491,211.87 | 108,559.97 | 4,988,995.72 | \$ 17,480,207.59 |
| Mar-22 | | | 449,872.63 | 12,203,323.15 | 92,798.08 | 4,318,981.66 | \$ 16,522,304.81 |
| Apr-22 | | | 449,668.29 | 12,480,199.83 | 214,574.54 | 9,782,194.55 | \$ 22,262,394.38 |
| May-22 | | | 331,572.70 | 9,590,629.65 | 109,890.35 | 5,166,458.68 | \$ 14,757,088.33 |
| Jun-22 | | | 325,296.09 | 9,173,049.08 | 63,910.23 | 3,115,800.38 | \$ 12,288,849.46 |
| Jul-22 | | | 281,795.31 | 7,914,911.18 | 33,917.25 | 1,645,347.40 | \$ 9,560,258.58 |
| Aug-22 | | | 294,801.09 | 8,576,613.16 | 17,553.49 | 841,351.23 | \$ 9,417,964.39 |
| Sep-22 | | | 330,882.88 | 9,722,738.22 | 58,496.79 | 2,698,650.21 | \$ 12,421,388.43 |
| Oct-22 | | | 422,570.65 | 11,865,164.82 | 89,873.45 | 4,187,674.83 | \$ 16,052,839.65 |
| Nov-22 | | | 403,573.57 | 10,362,753.12 | 99,216.95 | 4,491,208.90 | \$ 14,853,962.02 |
| Dec-22 | | | 398,971.69 | 12,150,842.70 | 47,946.35 | 2,182,658.21 | \$ 14,333,500.91 |
| Total-22 | | | 4,555,073.57 | \$ 129,192,374.02 | 1,070,246.02 | \$ 49,565,120.26 | \$ 178,757,494.28 |
| Jan-23 | | | 300,505.52 | 7,621,749.84 | 31,307.96 | 1,193,237.63 | \$ 8,814,987.47 |
| Feb-23 | | | 422,223.84 | 10,826,162.18 | 105,822.35 | 4,515,463.23 | \$ 15,341,625.41 |
| Mar-23 | | | 369,946.99 | 9,401,623.12 | 126,969.66 | 5,145,929.23 | \$ 14,547,552.35 |
| Apr-23 | | | 363,859.87 | 9,149,165.33 | 233,339.64 | 8,885,901.35 | \$ 18,035,066.68 |
| May-23 | | | 307,407.89 | 8,291,640.27 | 107,749.67 | 4,332,169.82 | \$ 12,623,810.09 |
| Jun-23 | , | | 205,105.68 | 5,435,189.30 | 25,986.97 | 1,131,588.32 | \$ 6,566,777.62 |
| Jul-23 | | | 178,833.06 | 4,648,049.48 | 14,721.14 | 620,226.20 | \$ 5,268,275.68 |
| Aug-23 | | | 268,723.55 | 7,159,598.34 | 40,692.28 | 1,443,504.63 | \$ 8,603,102.97 |
| Sep-23 | | | 251,765.26 | 6,941,821.07 | 49,521.10 | 1,774,220.77 | \$ 8,716,041.84 |
| Oct-23 | | | 321,211.47 | 8,591,181.45 | 157,120.66 | 6,385,763.52 | \$ 14,976,944.97 |
| Nov-23 | | | 374,994.07 | 10,034,452.42 | 141,210.53 | 5,696,922.71 | \$ 15,731,375.13 |
| Dec-23 | | | 351,691.40 | 10,153,037.71 | 72,952.92 | 2,819,767.57 | \$ 12,972,805.28 |
| Total-23 | | | 3,716,268.59 | \$ 98,253,670.51 | 1,107,394.86 | \$ 43,944,694.98 | \$ 142,198,365.49 |

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Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Lake Benton I

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------|-----------|------|------------|------------------|-------------|---------------|--------|--------------|
| | | | | Amount | | Amount | | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
| WOHLH | 1010011 | | Denvered | 1 did | LOSCINIVIII | 1 uiu | Coucs | r ara |
| Jan-21 | | | | | | | | |
| | | | | | | | | |
| Feb-21 | | | | | | | | |
| Mar-21 | | | | | | | | |
| Apr-21 | | | | | | | | |
| May-21 | | | | | | | | |
| Jun-21 | | | | | | | | |
| Jul-21 | | | | | | | | |
| Aug-21 | | | | | | | | |
| Sep-21 | | | | | | | | |
| Oct-21 | | | | | | | | |
| | | | | | | | | |
| Nov-21 | | | | | | | | |
| Dec-21 | | | | | | | | |
| Total-21 | | | | | | | | |
| Jan-22 | | | | | | | | |
| Feb-22 | | | | | | | | |
| Mar-22 | | | | | | | | |
| Apr-22 | | | | | | | | |
| May-22 | | | | | | | | |
| Jun-22 | | | | | | | | |
| | | | | | | | | |
| Jul-22 | | | | | | | | |
| Aug-22 | | | | | | | | |
| Sep-22 | | | | | | | | |
| Oct-22 | | | | | | | | |
| Nov-22 | | | | | | | | |
| | | | | | | | | |
| Dec-22 | | | | | | | | |
| Total-22 | | | | | | | | |
| Jan-23 | | | | | | | | |
| | | | | | | | | |
| Feb-23 | | | | | | | | |
| | | | | | | | | |
| Mar-23 | | | | | | | | |
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| Apr-23 | | | | | | | | |
| May-23 | | | | | | | | |
| Jun-23 | | | | | | | | |
| Jul-23 | | | | | | | | |
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| Aug-23 | | | | | | | | |
| Sep-23 | | | | | | | | |
| Oct-23 | | | | | | | | |
| Nov-23 | | | | | | | | |
| Dec-23 | | | | | | | | |
| Total-23 | | | | | | | | |
| i otai-20 | | | | | | | DDOTEC | TED DATA ENI |

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Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Northern Alternative Energy (NAE)

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------|-----------|------|------------|------------------|----------|---------------|--------|--------------|
| | | | | Amount | | Amount | | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
| | | | | | | | | |
| Jan-21 | | | | | | | | |
| Feb-21 | | | | | | | | |
| Mar-21 | | | | | | | | |
| Apr-21 | | | | | | | | |
| May-21 | | | | | | | | |
| Jun-21 | | | | | | | | |
| Jul-21 | | | | | | | | |
| Aug-21 | | | | | | | | |
| Sep-21 | | | | | | | | |
| Oct-21 | | | | | | | | |
| Nov-21 | | | | | | | | |
| Dec-21 | | | | | | | | |
| Total-21 | | | | | | | | |
| Jan-22 | | | | | | | | |
| Feb-22 | | | | | | | | |
| Mar-22 | | | | | | | | |
| Apr-22 | | | | | | | | |
| May-22 | | | | | | | | |
| Jun-22 | | | | | | | | |
| Jul-22 | | | | | | | | |
| Aug-22 | | | | | | | | |
| | | | | | | | | |
| Sep-22 | | | | | | | | |
| Oct-22 | | | | | | | | |
| Nov-22 | | | | | | | | |
| Dec-22 | | | | | | | | |
| Total-22 | | | | | | | | |
| Jan-23 | | | | | | | | |
| Feb-23 | | | | | | | | |
| Mar-23 | | | | | | | | |
| Apr-23 | | | | | | | | |
| May-23 | | | | | | | | |
| Jun-23 | | | | | | | | |
| Jul-23 | | | | | | | | |
| Aug-23 | | | | | | | | |
| Sep-23 | | | | | | | | |
| Oct-23 | | | | | | | | |
| Nov-23 | | | | | | | | |
| Dec-23 | | | | | | | | |
| Total-23 | | | | | | | | |
| | | | | | | | PROTEC | TED DATA END |

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Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Velva

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------|------|------|------------|------------------|----------|---------------|--------|-------------|
| | | | | Amount | | Amount | | Total |
| Production | | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
| | | | | | | | | |
| Jan-21 | | | | | | | | |
| Feb-21 | | | | | | | | |
| Mar-21 | | | | | | | | |
| Apr-21 | | | | | | | | |
| May-21 | | | | | | | | |
| Jun-21 | | | | | | | | |
| Jul-21 | | | | | | | | |
| Aug-21 | | | | | | | | |
| Sep-21 | | | | | | | | |
| Oct-21 | | | | | | | | |
| Nov-21 | | | | | | | | |
| Dec-21 | | | | | | | | |
| Total-21 | | | | | | | | |
| Jan-22 | | | | | | | | |
| Feb-22 | | | | | | | | |
| Mar-22 | | | | | | | | |
| Apr-22 | | | | | | | | |
| May-22 | | | | | | | | |
| Jun-22 | | | | | | | | |
| Jul-22 | | | | | | | | |
| Aug-22 | | | | | | | | |
| Sep-22 | | | | | | | | |
| Oct-22 | | | | | | | | |
| Nov-22 | | | | | | | | |
| Dec-22 | | | | | | | | |
| Total-22 | | | | | | | | |
| Jan-23 | | | | | | | | |
| Feb-23 | | | | | | | | |
| Mar-23 | | | | | | | | |
| Apr-23 | | | | | | | | |
| May-23 | | | | | | | | |
| Jun-23 | | | | | | | | |
| Jul-23 | | | | | | | | |
| Aug-23 | | | | | | | | |
| Sep-23 | | | | | | | | |
| Oct-23 | | | | | | | | |
| Nov-23 | | | | | | | | |
| Dec-23 | | | | | | | | |
| Total-23 | | | | | | | | |

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Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Fenton (EnXco)

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------|-----------|------|------------|------------------|----------|---------------|--------|--------------|
| | | | | Amount | | Amount | | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
| | | | | | | | | |
| Jan-21 | | | | | | | | |
| Feb-21 | | | | | | | | |
| Mar-21 | | | | | | | | |
| Apr-21 | | | | | | | | |
| May-21 | | | | | | | | |
| Jun-21 | | | | | | | | |
| Jul-21 | | | | | | | | |
| Aug-21 | | | | | | | | |
| Sep-21 | | | | | | | | |
| Oct-21 | | | | | | | | |
| Nov-21 | | | | | | | | |
| Dec-21 | | | | | | | | |
| Total-21 | | | | | | | | |
| Jan-22 | | | | | | | | |
| Feb-22 | | | | | | | | |
| Mar-22 | | | | | | | | |
| Apr-22 | | | | | | | | |
| May-22 | | | | | | | | |
| Jun-22 | | | | | | | | |
| Jul-22 | | | | | | | | |
| Aug-22 | | | | | | | | |
| Sep-22 | | | | | | | | |
| Oct-22 | | | | | | | | |
| Nov-22 | | | | | | | | |
| Dec-22 | | | | | | | | |
| Total-22 | | | | | | | | |
| Jan-23 | | | | | | | | |
| Feb-23 | | | | | | | | |
| Mar-23 | | | | | | | | |
| Apr-23 | | | | | | | | |
| May-23 | | | | | | | | |
| Jun-23 | | | | | | | | |
| Jul-23 | | | | | | | | |
| Aug-23 | | | | | | | | |
| Sep-23 | | | | | | | | |
| Oct-23 | | | | | | | | |
| Nov-23 | | | | | | | | |
| Dec-23 | | | | | | | | |
| Total-23 | | | | | | | | TED DATA END |

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Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - MinnDakota (Formerly Ivanhoe)

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------|-----------|------|------------|------------------|----------|---------------|--------|-------------|
| | | | | Amount | | Amount | | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
| | | | | | | | | |
| Jan-21 | | | | | | | | |
| Feb-21 | | | | | | | | |
| Mar-21 | | | | | | | | |
| Apr-21 | | | | | | | | |
| May-21 | | | | | | | | |
| Jun-21 | | | | | | | | |
| Jul-21 | | | | | | | | |
| Aug-21 | | | | | | | | |
| Sep-21 | | | | | | | | |
| Oct-21 | | | | | | | | |
| Nov-21 | | | | | | | | |
| Dec-21 | | | | | | | | |
| Total-21 | | | | | | | | |
| Jan-22 | | | | | | | | |
| Feb-22 | | | | | | | | |
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Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Lincoln Heights Wind Holdings North*

IPROTECTED DATA BEGINS

| [PROTECTE | | Paid | Wind Produ | ction Delivered | Lo | st Production | | |
|------------------|-----|------|------------|-----------------|----------|---------------|--------|-------------|
| | | | | Amount | | Amount | | Total |
| Production | | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
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*Effective 7/1/16 Norgaard North changed name to Lincoln Heights Wind Holdings North LLC.

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Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Lincoln Heights Wind Holdings South*

IPROTECTED DATA BEGINS

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------|-----------|------|------------|------------------|----------|---------------|--------|-------|
| | | | | Amount | | Amount | | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
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*Effective 7/1/16 Norgaard North changed name to Lincoln Heights Wind Holdings South LLC.

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Docket No. E999/CI-19-704 2023 Annual Report

Corrected Attachment F - Page 10 of 27

Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - JJN Windfarm, LLC.

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------|------|------|------------|------------------|----------|---------------|--------|--------------|
| | | | | Amount | | Amount | | Total |
| Production | | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
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Corrected Attachment F - Page 11 of 27

Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Ulik

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------------|-----------|------|------------|------------------|----------|---------------|--------|--------------|
| | | | | Amount | | Amount | | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
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Corrected Attachment F - Page 12 of 27

Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Ewington

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------|------|------|------------|------------------|----------|---------------|---------|--------------|
| | | | | Amount | | Amount | | Total |
| Production | | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
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Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Moraine II Wind LLC

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | | |
|------------|-----------|------|------------|------------------|----------|---------------|--------|-------------|--|
| | | | | Amount | | Amount | | Total | |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy | |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid | |
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Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Prairie Rose

| [PROTECTE | | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
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| | | | | Amount | | Amount | | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
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arthern States Power Company

Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Zephyr Wind LLC

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------|-----------|------|------------|------------------|----------|---------------|--------|---------------|
| | | | | Amount | | Amount | _ | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
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Corrected Attachment F - Page 16 of 27

Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Big Blue Wind Farm

| Į | Date | Paid | Wind Produ | ction Delivered | Lo | st Production | | |
|------------|-----------|------|------------|-----------------|----------|---------------|--------|-------------|
| | | | | Amount | | Amount | | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
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Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Valley View Wind

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------|------|------|------------|------------------|----------|---------------|--------|--------------|
| | | | | Amount | | Amount | | Total |
| Production | | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
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| Total-23 | | | | | | | DDOTES | TED DATA END |

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Corrected Attachment F - Page 18 of 27

Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Ridgewind Power Partners LLC

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------------|-----------|------|------------|------------------|----------|---------------|--------|--------------|
| | | | | Amount | | Amount | | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
| | | | | | | | | |
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Docket No. E999/CI-19-704 2023 Annual Report

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Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Grant County Wind LLC

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------|------|------|------------|------------------|----------|---------------|--------|--------------|
| | | | | Amount | | Amount | | Total |
| Production | | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
| | | | | | | | | |
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| Total-23 | | | | | | | DDOTES | TED DATA END |

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Corrected Attachment F - Page 20 of 27

Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Adams Wind Generations

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------|-----------|------|------------|------------------|----------|---------------|--------|---------------|
| | | | | Amount | | Amount | | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
| | | | | | | | | |
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Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Odell

IPROTECTED DATA BEGINS

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | |
|------------------|------|------|------------|------------------|----------|---------------|--------|-------------|
| | | | | Amount | | Amount | | Total |
| Production | | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
| | | | | | | | | |
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| Total-23 | | | | | | | | |

PROTECTED DATA ENDS]

Docket No. E999/CI-19-704 2023 Annual Report

Corrected Attachment F - Page 22 of 27

Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Woodstock Hills

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | | | |
|------------|-----------|------|------------|------------------|----------|---------------|--------|--------------|--|
| | | | | Amount | | Amount | | Total | |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy | |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid | |
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| Total-23 | | | | | | | | TED DATA END | |

Docket No. E999/CI-19-704 2023 Annual Report

Corrected Attachment F - Page 23 of 27

Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Cisco

| | Date | Paid | Wind Produ | ction Delivered | Lo | st Production | | |
|---------------|-----------|------|------------|-----------------|----------|---------------|--------|--------------|
| Due divette s | Delivered | 1 | MWh | Amount | | Amount | D | Total |
| Production | | Lost | | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
| Jan-21 | | | | | | | | |
| Feb-21 | | | | | | | | |
| Mar-21 | | | | | | | | |
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| Total-23 | | | | | | | | TED DATA END |

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Corrected Attachment F - Page 24 of 27

Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Crowned Ridge

| | Date | Paid | Wind Produ | ction Delivered | Lo | st Production | | |
|------------------|-----------|------|------------|-----------------|---------------|---------------|--------|--------------|
| | | | | Amount | | Amount | | Total |
| Production | Delivered | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid |
| | | | Donvoiou | i did | 2000 11111111 | i uiu | 00000 | raia |
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| Jul-23 | 1 | | | | | | | |
| Aug-23 | | | | | | | | |
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| Total-23 | | | | | | | | TED DATA END |

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Corrected Attachment F - Page 25 of 27

Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Glen Ullin

| | Date | Paid | Wind Produ | uction Delivered | Lo | Lost Production Amount | | | | | |
|------------------|------|------|------------|------------------|----------|------------------------|--------|-------------|--|--|--|
| | | | | Amount | | Total | | | | | |
| Production | | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy | | | |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid | | | |
| | | | | | | | | | | | |
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Corrected Attachment F - Page 26 of 27

Northern States Power Company Electric Utility - State of Minnesota Wind Curtailment Summary Report - Dakota Range III

| | Date | Paid | Wind Produ | uction Delivered | Lo | st Production | Total | | |
|------------|------|------|------------|------------------|----------|---------------|--------|--------------|--|
| | | | | Amount | | Amount | | | |
| Production | | Lost | MWh | Xcel Energy | | Xcel Energy | Reason | Xcel Energy | |
| Month | MWh | MWh | Delivered | Paid | Lost MWh | Paid | Codes | Paid | |
| | | | | | | | | | |
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| Total-23 | | | | | | | | | |
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Wind Curtailment Summary Report - Company Owned Facilities 2023 Reporting Period

| Project | Janu | iary | Febr | uary | Ma | rch | Ap | ril | M; | ay | Ju | ne | Ju | ly | Aug | gust | Septe | mber | Octo | ber | Nove | mber | Dece | mber | 2023 | Γotal |
|---|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| | MWh Produced | MWh Curtailed |
| Blazing Star 1 | 65,941 | 913 | 85,566 | 1,758 | 71,736 | 1,207 | 81,469 | 1,394 | 76,395 | 203 | 42,190 | 174 | 41,899 | 174 | 54,020 | 102 | 53,253 | 164 | 79,663 | 327 | 81,055 | 416 | 71,169 | 657 | 804,356 | 7,488 |
| Blazing Star 2 | 64,109 | 575 | 85,880 | 54 | 71,959 | 338 | 83,826 | 1,116 | 78,163 | 226 | 44,921 | 204 | 42,319 | 173 | 55,264 | 118 | 55,741 | 151 | 79,573 | 294 | 81,938 | 458 | 71,222 | 550 | 814,914 | 4,259 |
| Border | 35,786 | 0 | 58,807 | 1 | 56,526 | 1 | 59,520 | 305 | 51,050 | 218 | 28,200 | 76 | 36,269 | 138 | 36,232 | 141 | 44,263 | 71 | 46,693 | 134 | 63,694 | 153 | 64,839 | 238 | 581,879 | 1,476 |
| Lake Benton II (Buffalo Ridge / Chanarambie) | 35,560 | 1,805 | 44,635 | 2,017 | 31,393 | 8,904 | 45,769 | 1,364 | 39,238 | 19 | 24,039 | 9 | 22,554 | 63 | 31,071 | 525 | 31,642 | 47 | 40,651 | 115 | 44,351 | 92 | 39,390 | 73 | 430,294 | 15,033 |
| Community Wind North | 8,681 | 3 | 10,357 | 0 | 10,777 | 2 | 12,090 | 14 | 10,122 | 0 | 6,286 | 2 | 5,504 | 1 | 7,669 | 0 | 7,363 | 0 | 10,300 | 29 | 10,404 | 37 | 9,540 | 20 | 109,093 | 107 |
| Courtenay | 49,398 | 0 | 75,559 | 1 | 78,785 | 1 | 81,932 | 1 | 59,763 | 463 | 35,576 | 153 | 33,191 | 167 | 38,716 | 159 | 39,615 | 783 | 62,906 | 249 | 68,572 | 375 | 69,767 | 1,975 | 693,780 | 4,329 |
| Crowned Ridge II | 68,788 | 20 | 86,751 | 2,044 | 79,146 | 4,274 | 72,076 | 13,262 | 69,234 | 7,234 | 45,254 | 1,043 | 47,863 | 382 | 58,026 | 3,136 | 45,633 | 8,401 | 61,042 | 17,730 | 66,093 | 16,367 | 75,528 | 1,837 | 775,434 | 75,730 |
| Dakota Range 1&2 | 78,683 | 3 | 106,242 | 4,297 | 90,919 | 3,206 | 99,980 | 2,224 | 73,860 | 11,262 | 50,476 | 1,047 | 53,166 | 2 | 67,638 | 734 | 55,751 | 3,043 | 85,423 | 3,933 | 90,857 | 10,570 | 91,258 | 675 | 944,252 | 40,996 |
| Foxtail | 48,630 | 10,561 | 43,892 | 20,789 | 47,054 | 18,168 | 69,264 | 206 | 54,435 | 396 | 32,410 | 9 | 37,004 | 0 | 43,456 | 9 | 32,461 | 14 | 60,367 | 1,371 | 55,887 | 5,622 | 53,428 | 4,027 | 578,288 | 61,173 |
| Freeborn | 59,595 | 52 | 79,792 | 1,085 | 74,964 | 507 | 88,949 | 1,829 | 67,077 | 226 | 36,433 | 0 | 32,502 | 0 | 45,129 | 44 | 54,677 | 2 | 73,233 | 216 | 76,693 | 545 | 67,949 | 2,007 | 756,993 | 6,513 |
| Grand Meadow | 18,516 | 187 | 33,329 | 2,240 | 33,988 | 1,130 | 40,752 | 3,081 | 29,982 | 151 | 14,960 | 1 | 15,275 | 0 | 19,729 | 0 | 24,058 | 4 | 30,084 | 1,333 | 28,736 | 1,140 | 33,059 | 35 | 322,468 | 9,301 |
| Jeffers | 17,046 | 0 | 19,668 | 0 | 17,624 | 5 | 20,610 | 41 | 17,979 | 8 | 10,716 | 1 | 8,904 | 0 | 11,590 | 8 | 13,908 | 65 | 16,750 | 84 | 18,984 | 94 | 17,852 | 25 | 191,631 | 331 |
| Mower County | 23,649 | 0 | 34,550 | 0 | 33,070 | 0 | 37,492 | 2 | 26,139 | 0 | 14,387 | 449 | 11,624 | 442 | 17,873 | 607 | 21,089 | 29 | 31,154 | 32 | 34,185 | 29 | 29,853 | 50 | 315,065 | 1,640 |
| Noble | 69,285 | 41 | 79,597 | 4,134 | 50,297 | 8,472 | 90,511 | 4,636 | 70,592 | 988 | 32,911 | 3,731 | 31,230 | 1,140 | 48,114 | 3,934 | 54,199 | 474 | 73,140 | 241 | 76,116 | 770 | 68,291 | 61 | 744,284 | 28,622 |
| Northern Wind | | | | | 29,324 | 5,393 | 42,351 | 888 | 30,289 | 506 | 17,355 | 1,010 | 15,284 | 1,286 | 22,354 | 2,739 | 24,433 | 349 | 34,355 | 231 | 33,563 | 467 | 33,343 | 302 | 282,651 | 13,171 |
| Pleasant Valley | 58,455 | 0 | 79,449 | 64 | 71,873 | 1,180 | 82,500 | 2,939 | 64,290 | 112 | 34,492 | 1 | 35,018 | 0 | 46,435 | 0 | 53,902 | 0 | 72,613 | 901 | 76,464 | 596 | 69,477 | 4 | 744,968 | 5,797 |
| Rock Aetna | | | | | 7,246 | 623 | 9,079 | 90 | 6,742 | 103 | 3,688 | 133 | 3,631 | 267 | 5,239 | 435 | 5,428 | 36 | 7,660 | 21 | 7,706 | 51 | 7,283 | 8 | 63,702 | 1,768 |

CERTIFICATE OF SERVICE

| • | wartz, hereby certify that I have this day served copies of the foregoing e attached list of persons. |
|-----------------------------------|---|
| _ | by depositing a true and correct copy thereof, properly enveloped with postage paid in the United States mail at Minneapolis, Minnesota |
| <u>XX</u> | electronic filing |
| DOCKET NO. E | 999/CI-19-704 |
| Dated this 4th da | y of April 2024 |
| /s/ | |
| Christine Schwa Regulatory Adm | |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|----------------|--------------------|---------------------------------------|---------------------------------------|--|--------------------|-------------------|------------------------|
| Generic Notice | Commerce Attorneys | commerce.attorneys@ag.st ate.mn.us | Office of the Attorney General-DOC | 445 Minnesota Street Suite 1400 | Electronic Service | Yes | OFF_SL_19-704_Official |
| | | | | St. Paul, MN 55101 | | | |
| Hillary | Creurer | hcreurer@mnpower.com | Minnesota Power | 30 W Superior St | Electronic Service | No | OFF_SL_19-704_Official |
| | | | | Duluth, MN 55802 | | | |
| Sharon | Ferguson | sharon.ferguson@state.mn | Department of Commerce | 85 7th Place E Ste 280 | Electronic Service | No | OFF_SL_19-704_Official |
| | | .us | | Saint Paul, MN 551012198 | | | |
| Bruce | Gerhardson | bgerhardson@otpco.com | Otter Tail Power Company | PO Box 496 215 S Cascade St Fergus Falls, MN 565380496 | Electronic Service | No | OFF_SL_19-704_Official |
| Allen | Gleckner | gleckner@fresh-energy.org | Fresh Energy | 408 St. Peter Street Ste 350 Saint Paul, MN 55102 | Electronic Service | Yes | OFF_SL_19-704_Official |
| Kim | Havey | kim.havey@minneapolismn .gov | City of Minneapolis | 350 South 5th Street, Suite 315M Minneapolis, MN 55415 | Electronic Service | No | OFF_SL_19-704_Official |
| Adam | Heinen | aheinen@dakotaelectric.co m | Dakota Electric Association | 4300 220th St W Farmington, MN | Electronic Service | No | OFF_SL_19-704_Official |
| Kristin | Henry | kristin.henry@sierraclub.or | Sierra Club | 55024 2101 Webster St Ste 1300 | Electronic Service | No | OFF_SL_19-704_Official |
| | | g | | Oakland, CA 94612 | | | |
| Holly | Lahd | holly.lahd@target.com | Target Corporation | 33 South 6th St CC-28662 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_19-704_Official |
| Leann | Oehlerking Boes | Iboes@mnpower.com | Minnesota Power | 30 W Superior St Duluth, MN 55802 | Electronic Service | No | OFF_SL_19-704_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|----------------|--------------------------------|--|---------------------------------------|---|---------------------------|-------------------|------------------------|
| Generic Notice | Residential Utilities Division | residential.utilities@ag.stat e.mn.us | Office of the Attorney General-RUD | 1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131 | Electronic Service | Yes | OFF_SL_19-704_Official |
| Isabel | Ricker | ker ricker@fresh-energy.org Fresh | | 408 Saint Peter Street Suite 220 Saint Paul, MN 55102 | Electronic Service | Yes | OFF_SL_19-704_Official |
| Christine | Schwartz | Regulatory.records@xcele nergy.com | Xcel Energy | 414 Nicollet Mall FL 7 Minneapolis, MN 554011993 | Electronic Service | No | OFF_SL_19-704_Official |
| 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_19-704_Official |
| Shane | Stennes | stennes@umn.edu | University of Minnesota | 319 15th Avenue SE Minneapolis, MN 55455 | Electronic Service | No | OFF_SL_19-704_Official |
| Stuart | Tommerdahl | stommerdahl@otpco.com | Otter Tail Power Company | 215 S Cascade St PO Box 496 Fergus Falls, MN 56537 | Electronic Service | No | OFF_SL_19-704_Official |
| Brian | Tulloh | btulloh@misoenergy.org | MISO | 2985 Ames Crossing Rd Eagan, MN 55121-2498 | Electronic Service | No | OFF_SL_19-704_Official |
| Laurie | Williams | laurie.williams@sierraclub. org | Sierra Club | Environmental Law Program 1536 Wynkoop St Ste Denver, CO 80202 | Electronic Service 200 | No | OFF_SL_19-704_Official |