

Instructions

Minnesota Public Utilities Commission
Docket No. E999/PR-20-12
Docket No. E999/M-20-283

Minnesota Department of Commerce
Docket No. E999/PR-02-1240

Renewable Energy Certificate Retirement Report for Renewable Energy Standards and Green Pricing Programs REC Retirement Compliance Reporting

Due: June 1st, 2020

For the Reporting Period:

January 1, 2019 - December 31, 2019*

*Exception for Worksheet 6: **Ordering pt. 4C** requires reporting REC sales & purchases for the **2 preceding calendar years**.

Instructions

Note: items in red indicate changes in reporting from previous year

Complete the following worksheets and e-file in **Excel (XLS or XLSX)** format:

Worksheet 1, Utility Info

Worksheet 2, Renewable Energy Standard Retail Sales

Worksheet 3, Green Pricing Program Retail Sales

Worksheet 4, RES & Green Pricing REC Retirements

Worksheet 5, Biennial Compliance Reporting

Worksheet 6, RECs Bought and Sold During the Reporting Period

To e-file, login, or register, at: <https://www.edockets.state.mn.us/EFiling/home.jsp>

For directions on how to e-file, see: <http://www.commerce.state.mn.us/eDocFile/eFilingHelp.html>

For questions about Renewable Energy Certificate retirement or compliance with Renewable Energy Standards, contact Kelly Martone at 651-201-2245 or at kelly.martone@state.mn.us.

For questions about Green Pricing or about filling out this spreadsheet, send an email to: Clean.Energy@state.mn.us.

For questions about e-filing, contact Karen Santori at 651-539-1530 or at karen.santori@state.mn.us.

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

| | |
|---|---|
| Minnesota Public Utilities Commission: Docket No. E999/PR-20-12, Docket No. E999/M-20-283 | Attachment 1 |
| Minnesota Department of Commerce: Docket No. E999/PR-02-1240 | Reporting Period: January 1, 2019 - December 31, 2019 |
| Renewable Energy Certificate Retirement Report for Renewable Energy Standards and Green Pricing Programs | |

| | | | |
|-------------|------|----------------|--------------|
| Report Year | 2019 | Date Submitted | June 1, 2020 |
|-------------|------|----------------|--------------|

| FILING UTILITY INFORMATION | | CONTACT INFORMATION | |
|----------------------------|------------------------------------|---------------------|------------------------------|
| Company ID # | 3001 | Contact Name | Trevor J. Smith |
| Company Name | Minnesota Municipal Power Agency | Contact Title | Accounting Manager |
| Street Address Line 1 | c/o Avant Energy | Contact Telephone | 612-252-6543 |
| Street Address Line 2 | 220 South Sixth Street, Suite 1300 | Contact E-Mail | Trevor.Smith@AvantEnergy.com |
| City | Minneapolis | COMMENTS/NOTES | |
| State | MN | | |
| Zip Code | 55402 | | |

| Filing for RENEWABLE ENERGY STANDARDS on behalf of: | | | |
|--|--------------|--------------|--------------|
| Utility Name | Utility Name | Utility Name | Utility Name |
| City of Anoka | | | |
| City of Arlington | | | |
| Brownnton Municipal Light & Power | | | |
| City of Buffalo | | | |
| City of Chaska | | | |
| Elk River Municipal Utilities | | | |
| East Grand Forks Water & Light Dept. | | | |
| Le Sueur Municipal Utilities | | | |
| City of North St. Paul | | | |
| City of Olivia | | | |
| Shakopee Public Utilities | | | |
| City of Winthrop | | | |

| Filing for GREEN PRICING PROGRAMS on behalf of: | | | |
|--|--------------|--------------|--------------|
| Utility Name | Utility Name | Utility Name | Utility Name |
| City of Anoka | | | |
| City of Arlington | | | |
| Brownnton Municipal Light & Power | | | |
| City of Buffalo | | | |
| City of Chaska | | | |
| Elk River Municipal Utilities | | | |
| East Grand Forks Water & Light Dept. | | | |
| Le Sueur Municipal Utilities | | | |
| City of North St. Paul | | | |
| City of Olivia | | | |
| Shakopee Public Utilities | | | |
| City of Winthrop | | | |

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

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|--|--|
| Minnesota Public Utilities Commission: Docket No. E999/PR-20-12, Docket No. E999/M-20-283 | Attachment 2 |
| Minnesota Department of Commerce: Docket No. E999/PR-02-1240 | Reporting Period: January 1, 2019 - December 31, 2019 |
| Total Retail Sales to Minnesota Customers and Renewable Energy Certificates Required to be Retired for RENEWABLE ENERGY STANDARD Compliance | |

| | |
|-----------------------------|-----------|
| Retail Sales Total | 1,811,695 |
| RES Percentage Obligation | 17% |
| RECs Required to be Retired | 307,989 |
| Actual RECs Retired | 307,989 |

Enter current reporting year data.

| Utility ID # | Utility | Retail Sales Amount (MWh) | Notes |
|--------------|--------------------------------------|---------------------------|------------|
| 53 | City of Anoka | 263,371 | |
| 142 | City of Arlington | 17,839 | |
| 205 | Brownton Municipal Light & Power | 4,669 | |
| 32 | City of Buffalo | 113,164 | |
| 34 | City of Chaska | 374,282 | |
| 38 | Elk River Municipal Utilities | 324,666 | |
| 37 | East Grand Forks Water & Light Dept. | 92,497 | See Note 2 |
| 61 | Le Sueur Municipal Utilities | 84,501 | |
| 82 | City of North St. Paul | 69,151 | |
| 24 | City of Olivia | 7,105 | See Note 2 |
| 107 | Shakopee Public Utilities | 442,882 | |
| 128 | City of Winthrop | 17,568 | |

- Notes:
1. Retail sales information provided by member cities. See also Note 2.
 2. Purchases some wholesale power from WAPA. Retail sales adjusted by
 3. Actual RECs retired based on Estimated Retail Sales. See cover letter attachment.

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

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|---|--|
| Minnesota Public Utilities Commission: Docket No. E999/PR-20-12, Docket No. E999/M-20-283 | Attachment 3 |
| Minnesota Department of Commerce: Docket No. E999/PR-02-1240 | Reporting Period: January 1, 2019 - December 31, 2019 |
| GREEN PRICING Program Sales | |

| | |
|---|--------|
| TOTAL GREEN PRICING Sales (MWh) | 23,631 |
| RECS retired for GREEN PRICING programs | 23,631 |

| List the cumulative retail sales of green pricing electricity, including utility-managed community solar, and the number of customers as of December 31, 2019. | | | | | | |
|--|--------------------------------------|--------------|-----------------------------|------------------------|-------------------------|-------|
| Utility ID # (on Worksheet 1) | Utility Name | Program Name | No. of Program Customers | Program Sales (MWh) | Retail Rate (\$/kWh) | Notes |
| 53 | City of Anoka | Clean Energy | 341 | 1,798 | | |
| 142 | City of Arlington | Clean Energy | 51 | 507 | | |
| 205 | Brownton Municipal Light & Power | Clean Energy | 14 | 91 | | |
| 32 | City of Buffalo | Clean Energy | 113 | 718 | | |
| 34 | City of Chaska | Clean Energy | 572 | 3,597 | | |
| 37 | East Grand Forks Water & Light Dept. | Clean Energy | 101 | 808 | | |
| 38 | Elk River Municipal Utilities | Clean Energy | 289 | 10,182 | | |
| 61 | Le Sueur Municipal Utilities | Clean Energy | 58 | 290 | | |
| 82 | City of North St. Paul | Clean Energy | 272 | 2,143 | | |
| 24 | City of Olivia | Clean Energy | 34 | 311 | | |
| 107 | Shakopee Public Utilities | Clean Energy | 307 | 2,415 | | |
| 128 | City of Winthrop | Clean Energy | 26 | 771 | | |

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

| Utility ID # (on Worksheet 1) | Utility Name | Program Name | No. of Program Customers | Program Sales (MWh) | Retail Rate (\$/kWh) | Notes |
|----------------------------------|--------------|--------------|-----------------------------|------------------------|-------------------------|-------|
| | | | | | | |

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

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|---|--|
| Minnesota Public Utilities Commission: Docket No. E999/PR-20-12, Docket No. E999/M-20-283 | Attachment 4 |
| Minnesota Department of Commerce: Docket No. E999/PR-02-1240 | Reporting Period: January 1, 2019 - December 31, 2019 |
| Renewable Energy Certificate Retirements for Renewable Energy Standards and Green Pricing Programs | |

| | |
|--|----------------------------|
| Renewable Energy Standard REC Retirement Account Name: | 2019 MMPA MN RES REC |
| Green Pricing REC Retirement Account Name: | 2019 MMPA MN Green Pricing |

| Total RECs | | | 307,989 | 23,631 | 1 REC = 1 MWh |
|------------|--|-----------------------|---|---|---------------|
| MRETS ID | MRETS Generator Facility Name | Generator Fuel Type | RECS retired for RENEWABLE ENERGY STANDARD compliance | RECS retired for GREEN PRICING programs | NOTES |
| M302 | Laurie River 1 - Laurie River 1 | Hydroelectric Water | 1,397 | | |
| M303 | Laurie River 2 - Laurie River 2 | Hydroelectric Water | 1,675 | | |
| M304 | Pine Falls - Pine Falls | Hydroelectric Water | 13,273 | 718 | |
| M305 | McArthur Falls - McArthur Falls Hennepin Energy Recovery Center - | Hydroelectric Water | 18,888 | | |
| M468 | Hennepin Energy Recovery Center | Municipal solid Waste | 155,000 | | |
| M502 | Jenpeg - Jenpeg | Hydroelectric Water | 10 | | |
| M679 | St. Cloud Hydroelectric Facility - St. Clouc | Hydroelectric Water | | 13,350 | |
| M722 | Oak Glen Wind Farm - OGWF | Wind | 74,607 | | |
| M745 | Hometown Wind Aggregation - HTW_AG | Wind | 567 | | |
| M746 | Hometown Wind Aggregation - HTW_AG | Wind | 1,035 | | |
| M879 | Hometown BioEnergy - HTBE_1&2 | Biogas | 13,309 | | |
| M880 | Hometown BioEnergy - HTBE_3&4 | Biogas | 12,794 | | |
| M1051 | Black Oak Wind, LLC - BOGWF | Wind | 15,434 | 9,563 | |

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

| MRETS ID | MRETS Generator Facility Name | Generator Fuel Type | RECS retired for RENEWABLE ENERGY STANDARD compliance | RECS retired for GREEN PRICING programs | NOTES |
|----------|-------------------------------|---------------------|---|---|-------|
| | | | | | |

| | |
|---|--|
| Minnesota Public Utilities Commission: Docket No. E999/PR-20-12, Docket No. E999/M-20-283 | Attachment 5 |
| Reporting Period: | January 1, 2018 - December 31, 2019 |
| Biennial Compliance reporting | |
| Please report the following items in compliance with the PUC May 28, 2013 Order in Docket No. E999/M-12-958 | |

Ordering Point

4.A. & 5.H. The year through which the utility can maintain compliance with its current renewable portfolio*

*Include banked Renewable Energy Credits (RECs)

| |
|------|
| 2023 |
|------|

4.B. & 5.I. Projected compliance for the current plus three (3) upcoming years. Include banked RECs.

| Year | Actual/Projected MN retail sales (MWh) | RES Req.(%) | RES Req. (MWh) | Projected Resources (MWh) | Projected Surplus/ (Deficit) (MWh) |
|------|--|-------------|----------------|---------------------------|------------------------------------|
| 2020 | 1,881,536 | 20% | 376,308 | 1,489,250 | 1,112,942 |
| 2021 | 1,893,655 | 20% | 378,732 | 1,578,742 | 1,200,010 |
| 2022 | 1,909,754 | 20% | 381,951 | 1,665,809 | 1,283,858 |
| 2023 | 1,924,638 | 20% | 384,928 | 1,749,657 | 1,364,729 |

5.E.2 & 5.F. Identify other State Renewable Standards or Objectives to which the utility is subject, and the percentage of renewable energy allocated to meet the renewable requirements.

| State | RES Req. (MWh) | RES Req. (%) | Percent of utility's total system renewable generation apportioned to this state (%)* |
|-------|----------------|--------------|---|
| | | | |
| | | | |
| | | | |
| | | | |

*apportionment of renewable energy should reflect each state's percentage of the utility's total system sales.

5.E.3 (i) The status of the utility's renewable energy mix relative to the objective & standards.

MMPA is in full compliance with the Minnesota REO-RES statute, Minn. Stat. §216B.1691 and provides a mix of renewable energy from biomass, hydro, solar and wind renewable energy sources.

5.E.3(ii) Efforts taken to meet the objective and standards

MMPA developed the 1.92 MW Hometown WindPower Project which came into service in March 2010, the 44 MW Oak Glen Wind Farm Project which came into service in October 2011, and the 8 MW Hometown BioEnergy which came into service in December 2013. MMPA also signed two (2) PPAs that total 85.25 MW. These PPAs deliver 78 MW and 7.25 MW to MMPA. With current inventory, resources and contracted market purchases, MMPA projects that it can maintain compliance beyond 2020.

5.E.3(iii) Obstacles encountered or anticipated in meeting the objective or standards

MMPA has not encountered any obstacles in meeting the Minnesota Renewable Energy Objective or Standard.

5.E.3(iv) Potential solutions to the obstacles

N/A

5.G. List any renewable generation facilities expected to become operational during the upcoming year

| Facility Name | Type | Capacity (MW) | Cap. Factor (%) | Expected Comm'l Operation Date |
|---------------|------|---------------|-----------------|--------------------------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Do we have any

5.K. Identify efforts taken to adequately protect against undesirable economic impacts on ratepayers, including, but not limited to keeping customer's bills and the utility's rates as low as practicable, given regulatory and other constraints.

MMPA's PPA contracts are long-term where the terms of these contracts, including the price, are locked in. MMPA also finances its owned generation using tax free municipal bonds and, on a long-term basis, to again lock in low interest rates for a period of 20 years or more. This long-term approach controls costs and minimizes volatility.

