Annual Distributed Generation Report Metadata

Minnesota data through, December 31, 2024

## Section 1: Overview

Data Originator: Minnesota Public Utilities Commission

Title: Utility Distributed Generation Data, Minnesota, October 2nd, 2025

Abstract: Under Minn. Stat. 216B.1611 Minnesota utilities submit an annual report on distributed generation interconnected with the utility’s distribution system. These reports are filed annual in dockets ending in -10 (ex, 18-10, 19-10). Data here reflects reports filed in Docket 25-10. This data includes all systems through Dec. 31, 2024, as reported by utilities. There may be unreported systems if a utility did not file a report in a given year. Utilities report systems that are:

* Interconnected with the distribution system
* Less than 10 MW in size
* Are designed to operate in parallel with the utility distribution system

Update Frequency: Annual

Time Period of Data: Interconnection data is current for all reported utilities through December 31, 2024.

Data Location: Minnesota

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## Section 2: Data Quality

Data Accuracy: Staff corrected for inaccuracies where data was entered in the wrong column. Year installed was also added where possible by filling in information from prior year reports. All references to customer names and addresses were removed.

Completeness: Includes all reports filed by December 31, 2024. Some utilities did not report. Please see Appendix A for a complete list of utility filing status.

 Any blank spaces in the data set were not completed by the utility. Per Minn. Stat. [216B.1611 Subd. 3a(c)](https://www.revisor.mn.gov/statutes/cite/216B.1611#stat.216B.1611.3a), “Electric utilities collecting and transferring data under this subdivision are not responsible for the accuracy, completeness, or quality of the information under this subdivision.”

 “Protected” indicates that the utility has deemed the material not for public consumption. Details on the reasoning can be found in each individual utility filing.

History: Minn. Stat. 216B.1611 requires utilities to submit annual reports on distributed generation interconnected with their distribution system. In 2014 the Minnesota Legislature amended the statute to require additional reporting requirements. The Minnesota Commerce Department and Minnesota Public Utilities Commission collect the information through a standardized form.

## Section 3: Attributes

|  |  |  |
| --- | --- | --- |
| Category | Definition | Notes |
| Utility | The utility with which the system is interconnected |  |
| MN Utility ID | Minnesota Utility ID number |  |
| Utility Type | What type of utility | Municipal, Cooperative, or Investor Owned utility |
| DER Identifier | Unique identifier for each facility |  |
| DER Capacity (kW AC) | The capacity of the facility in kWAC | Utilities have been asked to convert any systems previously reported in kW DC to kW AC |
| DER Type | The type of generation facility | Reported categories include:* Biogas
* Biomass
* Hydro
* Municipal Solid Waste
* Natural Gas
* Solar
* Storage
* Wind
 |
| CHP | Combined Heat and Power | An “X” indicates that the facility is CHP |
| Storage | If the DER has non-exporting storage associated with the device | An “X” indicates the presence of storage |
| DER Status | The status of the DER Facility | Interconnected: The facility is connected to the utility’s grid and generating electricityActive Application: the facility is in the process of interconnecting with the utilityWithdrawn: the application to interconnect was withdrawn by the facilityDecommissioned: a formerly interconnected facility is no longer connected to the utility |
| City | The city in which the facility is located |  |
| Zip Code | The zip code in which the facility is located |  |
| Substation ID | The substation where the facility is interconnected |  |
| Feeder ID | The feeder where the facility is interconnected |  |
| Type of Customer |  | Options are:* Residential
* Commercial
* Public (such as a school or government entity)
* Utility
* CSG (community solar garden)
* Blank indicates that the utility did not fill out the category.

Please note that these are a utility’s best estimate and are intended only to get a general sense of the type of installation. A residential installation at one utility may be determined commercial by another (for example, a farm property) |
| Utility Incentive Program | Whether or not the facility received some kind of incentive from the utility | For example, Made In Minnesota, Xcel’s Solar\*Rewards, Minnesota Power’s SolarSense.  |
| Total Installed Cost without Incentives | The cost of the system before any federal or utility incentives | Required after 2014. If the category is blank either the utility did not report, or the installer did not fill out the amount during the interconnection process |
| Year Application submitted | The year in which the facility applied for interconnection |  |
| Year Interconnected | The year in which the facility interconnected with the utility | An N/A indicates that the facility is either a pending or cancelled application. If the category is blank the utility did not provide a year |
| Year Decommissioned | If the facility has been decommissioned, the year in which it occurred |  |

## Appendix A: Utility filing details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Utility Name | MN ID # | Type | Submitted 2024 Report  | Reported DER on System  | Most recent Report  |
| **Adrian Public Utilities** | 140 | Muni | Yes | No | 2024 |
| **Agralite Cooperative** | 1 | Coop | Yes | Yes | 2024 |
| **Aitkin Public Utilities** | 2 | Muni | Yes | No | 2024 |
| **Alexandria Light & Power** | 3 | Muni | Yes | Yes | 2024 |
| **Arrowhead Electric Coop, Inc** | 4 | Coop | Yes | Yes | 2024 |
| **Austin Utilities** | 27 | Muni | Yes | Yes | 2024 |
| **Bagley Public Utilities Commission** | 147 | Muni | Yes | No | 2024 |
| **Barnesville Municipal Power** | 150 | Muni | Yes | Yes | 2024 |
| **Beltrami Electric Coop, Inc.** | 29 | Coop | Yes | Yes | 2024 |
| **BENCO (Blue Earth Nicollet Faribault Coop)** | 10 | Coop | Yes | Yes | 2024 |
| **Benson Municipal Utilities** | 5 | Muni | Yes | Yes | 2024 |
| **Biwabik Public Utilities** | 30 | Muni | Yes | Yes | 2024 |
| **Blooming Prairie Public Utilities** | 144 | Muni | Yes | Yes | 2024 |
| **Blue Earth Light & Water Dept** | 138 | Muni | Yes | Yes | 2024 |
| **Brainerd Public Utilities** | 11 | Muni | Yes | Yes | 2024 |
| **Breckenridge Public Utilities** | 12 | Muni | Yes | No | 2024 |
| **Brown Co Rural Electrical Assn** | 6 | Coop | Yes | Yes | 2024 |
| **Brownton Municipal Light & Power** | 205 | Muni | Yes | No | 2024 |
| **Buhl Public Utilities** | 235 | Muni | Yes | No | 2024 |
| **Ceylon Public Utilities** | 226 | Muni | No | No | 2023 |
| **City of Ada** | 139 | Muni | Yes | No | 2024 |
| **City of Alpha** | 201 | Muni | Yes | No | 2024 |
| **City of Alvarado** | 202 | Muni | Yes | No | 2024 |
| **City of Anoka** | 53 | Muni | Yes | Yes | 2024 |
| **City of Arlington** | 142 | Muni | Yes | Yes | 2024 |
| **City of Baudette** | 28 | Muni | Yes | Yes | 2024 |
| **City of Bigelow** | 203 | Muni | **Sold their electric service** | No |
| **City of Brewster Light & Power** | 204 | Muni | Yes | No | 2024 |
| **City of Buffalo** | 32 | Muni | Yes | Yes | 2024 |
| **City of Caledonia Electric Dept.** | 13 | Muni | Yes | Yes | 2024 |
| **City of Chaska** | 34 | Muni | Yes | Yes | 2024 |
| **City of Dundee** | 228 | Muni | No | No | 2021 |
| **City of Dunnell** | 229 | Muni | **Sold their electric service** | No |
| **City of Ely - Ely Utilities Commission** | 135 | Muni | Yes | Yes | 2024 |
| **City of Granite Falls** | 155 | Muni | Yes | Yes | 2024 |
| **City of Harmony** | 198 | Muni | No | Yes | 2023 |
| **City of Henning Electric Dept** | 210 | Muni | Yes | No | 2024 |
| **City of Jackson** | 160 | Muni | Yes | Yes | 2024 |
| **City of Kandiyohi** | 231 | Muni | **Sold their electric service** | No |
| **City of Kasota** | 211 | Muni | Yes | No | 2024 |
| **City of Kasson** | 54 | Muni | Yes | Yes | 2024 |
| **City of Luverne** | 63 | Muni | Yes | Yes | 2024 |
| **City of Mabel** | 232 | Muni | Yes | No | 2024 |
| **City of NewFolden** | 215 | Muni | Yes | No | 2024 |
| **City of Nielsville** | 227 | Muni | Yes | No | 2024 |
| **City of North St Paul** | 82 | Muni | Yes | Yes | 2024 |
| **City of Olivia** | 24 | Muni | No | Yes | 2023 |
| **City of Peterson Electric System** | 216 | Muni | Yes | No | 2024 |
| **City of Randall Electric** | 218 | Muni | Yes | No | 2024 |
| **City of Round Lake** | 219 | Muni | Yes | Yes | 2024 |
| **City of Rushford** | 103 | Muni | No | No | 2020 |
| **City of Rushmore** | 261 | Muni | Yes | No | 2024 |
| **City of Spring Grove** | 154 | Muni | Yes | No | 2024 |
| **City of Staples** | 112 | Muni | Yes | Yes | 2024 |
| **City of Two Harbors** | 119 | Muni | Yes | Yes | 2024 |
| **City of Tyler** | 120 | Muni | Yes | No | 2024 |
| **City of Warren** | 124 | Muni | Yes | No | 2024 |
| **City of Whalan** | 225 | Muni | Yes | No | 2024 |
| **City of Winthrop** | 128 | Muni | Yes | Yes | 2024 |
| **Clearwater Polk Electric Coop** | 8 | Coop | Yes | Yes | 2024 |
| **Connexus Energy** | 26 | Coop | Yes | Yes | 2024 |
| **Cooperative Light & Power** | 9 | Coop | Yes | Yes | 2024 |
| **Crow Wing Coop Power & Light, Inc.** | 35 | Coop | Yes | Yes | 2024 |
| **Dakota Electric Assn** | 15 | Coop | Yes | Yes | 2024 |
| **Delano Municipal Utilities** | 146 | Muni | Yes | Yes | 2024 |
| **Detroit Lakes Public Utility** | 36 | Muni | Yes | Yes | 2024 |
| **East Central Energy** | 16 | Coop | Yes | Yes | 2024 |
| **East Grand Forks Water & Light Dept.** | 37 | Muni | Yes | Yes | 2024 |
| **Eitzen Light and Power** | 230 | Muni | No | No | Never |
| **Elbow Lake Municipal Power** | 177 | Muni | Yes | Yes | 2024 |
| **Elk River Municipal Utilities** | 38 | Muni | Yes | Yes | 2024 |
| **Fairfax Municipal** | 145 | Muni | Yes | Yes | 2024 |
| **Fairmont Public Utilities** | 141 | Muni | Yes | Yes | 2024 |
| **Federated Rural Electric Assn** | 40 | Coop | Yes | Yes | 2024 |
| **Fosston Municipal Utilities** | 170 | Muni | Yes | No | 2024 |
| **Freeborn-Mower Coop Svcs** | 41 | Coop | Yes | Yes | 2024 |
| **Gilbert Water & Light** | 156 | Muni | Yes | No | 2024 |
| **Glencoe Light & Power Commission** | 42 | Muni | Yes | Yes | 2024 |
| **Goodhue County Coop Electric Assn** | 43 | Coop | Yes | Yes | 2024 |
| **Grand Marais Public Utilities** | 17 | Muni | Yes | Yes | 2024 |
| **Grand Rapids Public Utilities Commission** | 44 | Muni | Yes | Yes | 2024 |
| **Grove City Electric Dept** | 208 | Muni | Yes | Yes | 2024 |
| **Halstad Municipal Utilities** | 46 | Muni | Yes | No | 2024 |
| **Hawley Public Utilities** | 47 | Muni | Yes | Yes | 2024 |
| **H-D Electric Coop, Inc** | 263 | Coop | Yes | No | 2024 |
| **Heartland Power Coop** | 260 | Coop | Yes | Yes | 2024 |
| **Hibbing Public Utilities Commission** | 162 | Muni | Yes | Yes | 2024 |
| **Hutchinson Utilities Commission** | 49 | Muni | Yes | Yes | 2024 |
| **Iowa Lakes Electric Coop** | 262 | Coop | Yes | No | 2024 |
| **Itasca-Mantrap Coop Electric Assn** | 18 | Coop | Yes | Yes | 2024 |
| **Janesville Municipal Utility** | 132 | Muni | Yes | Yes | 2024 |
| **Kandiyohi Power Coop** | 19 | Coop | Yes | Yes | 2024 |
| **Keewatin Public Utilities** | 55 | Muni | Yes | No | 2024 |
| **Kenyon Municipal Utilities** | 153 | Muni | Yes | Yes | 2024 |
| **Lake City Utility Board** | 56 | Muni | Yes | Yes | 2024 |
| **Lake Country Power** | 14 | Coop | Yes | Yes | 2024 |
| **Lake Crystal Municipal Utilities** | 57 | Muni | Yes | Yes | 2024 |
| **Lake Park Public Utilities** | 213 | Muni | No | No | 2023 |
| **Lake Region Electric Coop** | 59 | Coop | Yes | Yes | 2024 |
| **Lakefield Municipal Utilities** | 58 | Muni | Yes | Yes | 2024 |
| **Lanesboro Public Utility** | 214 | Muni | Yes | Yes | 2024 |
| **Le Sueur Municipal Utilities** | 61 | Muni | Yes | Yes | 2024 |
| **Litchfield Public Utilities** | 62 | Muni | Yes | Yes | 2024 |
| **Lyon-Lincoln Electric Coop, Inc.** | 20 | Coop | Yes | Yes | 2024 |
| **Madelia Municipal Light & Power** | 65 | Muni | Yes | Yes | 2024 |
| **Madison Municipal Utilities** | 137 | Muni | Yes | Yes | 2024 |
| **Marshall Municipal Utilities** | 151 | Muni | Yes | Yes | 2024 |
| **McLeod Coop Power Assn** | 64 | Coop | Yes | Yes | 2024 |
| **Meeker Coop Light & Power Assn** | 66 | Coop | Yes | Yes | 2024 |
| **Melrose Public Utilities** | 67 | Muni | Yes | Yes | 2024 |
| **MiEnergy Cooperative** | 118 | Coop | Yes | Yes | 2024 |
| **Mille Lacs Electric Coop** | 21 | Coop | Yes | Yes | 2024 |
| **Minnesota Power Co** | 68 | IOU | Yes | Yes | 2024 |
| **Minnesota Valley Coop Light & Power Assoc** | 22 | Coop | Yes | Yes | 2024 |
| **Minnesota Valley Electric Coop** | 70 | Coop | Yes | Yes | 2024 |
| **Moorhead Public Service** | 81 | Muni | Yes | Yes | 2024 |
| **Moose Lake Water & Light Commission** | 72 | Muni | Yes | Yes | 2024 |
| **Mora Municipal Utilities** | 73 | Muni | Yes | Yes | 2024 |
| **Mountain Iron Water & Light Dept** | 74 | Muni | Yes | Yes | 2021 |
| **Mountain Lake Municipal Utilities** | 152 | Muni | Yes | Yes | 2024 |
| **Nashwauk Public Utilities** | 75 | Muni | No | No | 2023 |
| **New Prague Utilities Commission** | 131 | Muni | Yes | Yes | 2024 |
| **New Ulm Public Utilities** | 76 | Muni | Yes | Yes | 2024 |
| **Nobles Cooperative Electric** | 148 | Coop | Yes | Yes | 2024 |
| **North Branch Municipal Water & Light** | 78 | Muni | **Sold their electric service** | No |
| **North Itasca Electric Coop** | 79 | Coop | Yes | Yes | 2024 |
| **North Star Electric Coop** | 83 | Coop | Yes | Yes | 2024 |
| **Northwestern Wisconsin Electric Co** | 163 | IOU | Yes | No | 2024 |
| **Ortonville Light Department** | 86 | Muni | Yes | Yes | 2024 |
| **Otter Tail Power Co** | 87 | IOU | Yes | Yes | 2024 |
| **Owatonna Public Utilities** | 88 | Muni | Yes | Yes | 2024 |
| **Peoples Cooperative Service** | 89 | Coop | Yes | Yes | 2024 |
| **Pierz Utilities** | 217 | Muni | Yes | No | 2024 |
| **PKM Electric Coop, Inc** | 25 | Coop | Yes | Yes | 2024 |
| **Preston Public Utilities** | 176 | Muni | Yes | Yes | 2024 |
| **Princeton Public Utilities** | 92 | Muni | Yes | Yes | 2024 |
| **Proctor Public Utilities** | 93 | Muni | No | No | Never |
| **Red Lake Electric Coop** | 94 | Coop | Yes | Yes | 2024 |
| **Red River Valley Coop Power Assn** | 95 | Coop | Yes | Yes | 2024 |
| **Redwood Electric Coop** | 96 | Coop | Yes | Yes | 2024 |
| **Redwood Falls Public Utilities** | 97 | Muni | Yes | Yes | 2024 |
| **Renville-Sibley Coop Power Assn** | 98 | Coop | Yes | Yes | 2024 |
| **Rochester Public Utilities** | 99 | Muni | Yes | Yes | 2024 |
| **Roseau Electric Coop** | 100 | Coop | Yes | Yes | 2024 |
| **Roseau Municipal Water & Light** | 101 | Muni | Yes | No | 2024 |
| **Runestone Electric Assn** | 102 | Coop | Yes | Yes | 2024 |
| **Sauk Centre Public Utilities** | 106 | Muni | Yes | Yes | 2024 |
| **Shakopee Public Utilities** | 107 | Muni | Yes | Yes | 2024 |
| **Shelly Municipal Light Dept** | 221 | Muni | Yes | No | 2024 |
| **Sioux Valley Energy** | 110 | Coop | Yes | Yes | 2024 |
| **Sleepy Eye Public Utility** | 143 | Muni | Yes | Yes | 2024 |
| **South Central Electric Assn** | 109 | Coop | Yes | Yes | 2024 |
| **Spring Valley Public Utilities Comm** | 111 | Muni | Yes | Yes | 2024 |
| **Springfield Public Utilities Comm** | 134 | Muni | Yes | Yes | 2024 |
| **St. Charles Light & Water** | 104 | Muni | Yes | Yes | 2024 |
| **St. James Municipal Light & Power** | 105 | Muni | Yes | Yes | 2024 |
| **St. Peter Municipal Utilities** | 149 | Muni | Yes | Yes | 2024 |
| **Stearns Coop Electric Assn** | 113 | Coop | Yes | Yes | 2024 |
| **Steele-Waseca Coop Electric** | 114 | Coop | Yes | Yes | 2024 |
| **Stephen Electric Dept** | 222 | Muni | Yes | No | 2024 |
| **Thief River Falls Municipal Utility** | 115 | Muni | Yes | Yes | 2024 |
| **Todd Wadena Electric Coop** | 117 | Coop | Yes | Yes | 2024 |
| **Traverse Electric Coop, Inc** | 116 | Coop | Yes | Yes | 2024 |
| **Truman Public Utilities** | 180 | Muni | Yes | Yes | 2024 |
| **Virginia Dept. of Public Utilities** | 122 | Muni | Yes | Yes | 2024 |
| **Wadena Light & Water** | 123 | Muni | Yes | Yes | 2024 |
| **Warroad Municipal Light & Power** | 77 | Muni | Yes | Yes | 2024 |
| **Waseca Utility** | 125 | Muni | Yes | Yes | 2024 |
| **Wells Public Utilities** | 50 | Muni | Yes | Yes | 2024 |
| **Westbrook Public Utilities** | 224 | Muni | Yes | Yes | 2024 |
| **Wild Rice Electric Coop** | 127 | Coop | Yes | Yes | 2024 |
| **Willmar Municipal Utilities** | 161 | Muni | Yes | Yes | 2024 |
| **Windom Municipal Utilities** | 129 | Muni | Yes | Yes | 2024 |
| **Worthington Public Utilities** | 136 | Muni | Yes | Yes | 2024 |
| **Wright-Hennepin Coop Electric Assn** | 130 | Coop | Yes | Yes | 2024 |
| **Xcel Energy** | 85 | IOU | Yes | Yes | 2024 |