North Dakota

Key Figures

- **Total Solar Installed**: 1.29 MW (0.02 MW in 2020)
- **National Ranking**:
  - Total Solar Installed: 51st (Ranks 51st in 2020)
  - Solar Jobs: 211 (Ranks 49th in 2020)
- **Growth Projection**: 147.08 MW over the next 5 years (Ranks 49th)

- **Enough solar installed to power**: 133 homes
- **Percentage of state’s electricity from solar**: 0.00%
- **Price decline over the last five years**: 36%

There are 9 solar companies operating in North Dakota. 3

- **4 Manufacturers**
- **1 Installers/Developers**
- **4 Others**

The solar industry has invested $2.82 million in North Dakota, including $0.07 million in 2020

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North Dakota Annual Solar Installations

- 2012: 0.00 MW
- 2013: 0.00 MW
- 2014: 0.00 MW
- 2015: 0.00 MW
- 2016: 0.00 MW
- 2017: 0.00 MW
- 2018: 0.00 MW
- 2019: 0.60 MW (Utility: 0.30 MW, Residential: 0.30 MW)
- 2020: 0.00 MW
- 2021 1H: 0.20 MW (Utility: 0.10 MW, Commercial: 0.10 MW)

Learn more at www.seia.org/states
The Solar Energy Industries Association® (SEIA) is leading the transformation to a clean energy economy, creating the framework for solar to achieve 20% of U.S. electricity generation by 2030. SEIA works with its 1,000 member companies and other strategic partners to fight for policies that create jobs in every community and shape fair market rules that promote competition and the growth of reliable, low-cost solar power. Founded in 1974, SEIA is the national trade association for the solar and solar + storage industries, building a comprehensive vision for the Solar+ Decade through research, education and advocacy.

More information about solar energy in North Dakota

- The Cannonball Community Solar project has the capacity to generate 500 kW of electricity -- enough to power over 67 North Dakota homes.
- At 100 kW, the Prairie Sun Community Solar project is among the largest solar installations in North Dakota.

Solar Companies in North Dakota

References

All data from SEIA/Wood Mackenzie Power & Renewables, Solar Market Insight© unless otherwise noted: https://www.seia.org/smi


2Energy Information Administration, Electric Power Monthly: https://www.eia.gov/electricity/monthly/#generation

3SEIA, National Solar Database: https://www.seia.org/research-resources/national-solar-database