STATE SOLAR spotlight

South Dakota



Total solar installed (MW)

268.37 99.31 MW in 2023



Percentage of state's electricity from solar²

1.59%

Growth projection over the next 5 years (MW)



Ranks 47th



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\$____

6 other companies

installers/developers

Value of the state solar market

Ranked 45th in 2023

\$312 million \$112 million invested in 2023

Price decline over the last ten years



South Dakota Annual Solar Installations 160 120 Capacity (MW) 80 40 0 2014 2016 2017 2022 2023 2024 2015 2018 2019 2020 2021 🖉 Residential 🚽 Commercial 📒 Community Solar 📒 Utility

Learn more at seia.org/states



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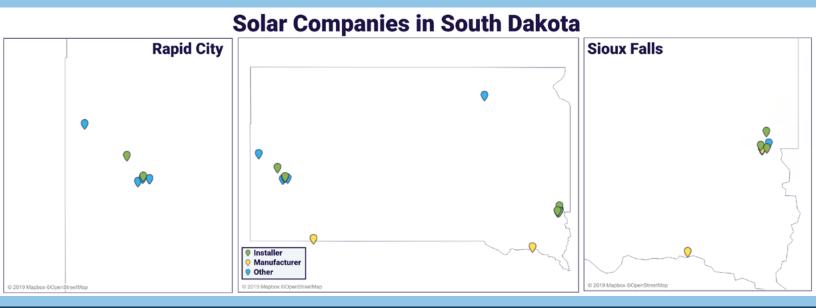


South Dakota



More information about solar energy South Dakota

• The Pierre Solar Farm has the capacity to generate 1 MW of electricity -- enough to power over 134 South Dakota homes.



References

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

¹National Solar Jobs Census 2023: https://irecusa.org/programs/solar-jobs-census/

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

⁴SEIA, Solar Project Tracker (includes Solar Means Business: https://www.solarmeansbusiness.com, Major Solar Projects List: https://www.seia.org/research-resources/major-solar-projects-list and Solar in Schools: https://www.seia.org/research-resources/brighter-future-study-solar-us-schools-0

