

STATE SOLAR

spotlight

South Dakota

Ranks
47th
for total installed
solar capacity

Total solar installed (MW)

101.86

99.38 MW in 2023

Growth projection over
the next 5 years (MW)

327.69

Ranks 48th



Solar jobs in the state¹

483

Ranked 45th in 2023



Enough solar
installed to power

11,998
homes

Percentage of state's
electricity from solar²

0.29%



14

solar companies are
currently operating in
South Dakota



3
manufacturers



6
installers/developers



5
other companies

Value of the state solar market

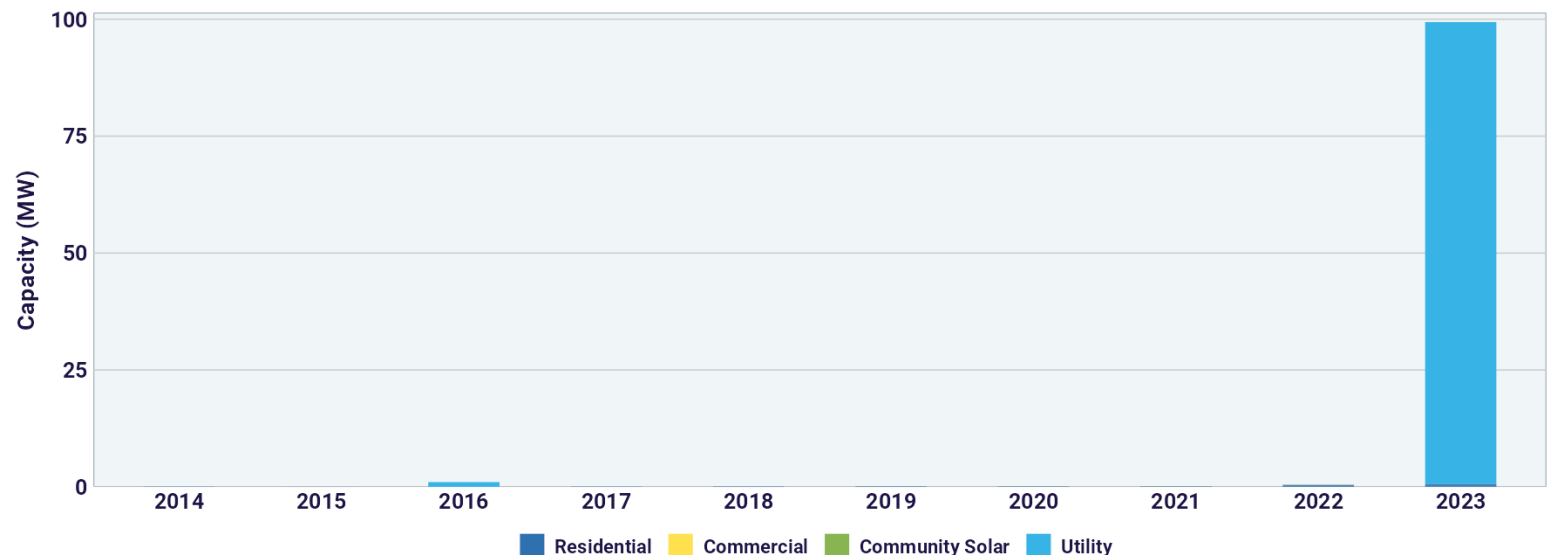
\$110
million

\$105 million invested in 2023

Price decline over
the last ten years

47%

South Dakota Annual Solar Installations



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More information about solar energy in South Dakota

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



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>

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

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>)