

STATE SOLAR *spotlight*

South Dakota

Ranks
46th
for total installed
solar capacity

Total solar installed (MW)

268.37

99.31 MW in 2023

Growth projection over
the next 5 years (MW)

379.93

Ranks 47th



Solar jobs in the state¹

520

Ranked 45th in 2023



Enough solar
installed to power

33,174
homes

Percentage of state's
electricity from solar²

1.59%



15

solar companies are
currently operating in
South Dakota



3

manufacturers



6

installers/developers



6

other companies

Value of the state solar market

\$312
million

\$112 million invested in 2023

Price decline over
the last ten years

37%

South Dakota Annual Solar Installations



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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.

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>

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>