Clean Power South Dakota

2,923 MW
Operating wind, solar, and energy storage capacity in South Dakota.
State rank: 23rd

782,000
Homes that can be powered by clean energy generated in South Dakota.

52.4%
Share of all electricity produced in South Dakota that comes from wind, solar, and energy storage power plants.
State rank: 2nd

The clean power industry is an important job creator in South Dakota with a clean energy workforce of 2,600

$5 billion
Capital invested in wind, solar, and energy storage projects in South Dakota.

Clean power invests in local South Dakota communities, providing property, state, and local taxes in 2021 totaling $26.1 million

Clean power projects provide extra income to farmers, ranchers, and other private landowners. In 2021, these drought-proof land lease payments totaled $18.7 million

7,899,000
Metric tons of CO₂ emissions avoided thanks to wind, solar, and storage projects in South Dakota — equivalent to taking 1,720,000 cars off the road.

In 2021, wind, solar, and energy storage plants in South Dakota avoided water consumption totaling 3 billion gallons