Clean Power North Carolina

6,543 MW
Operating wind, solar, and energy storage capacity in North Carolina.
State rank: 9th

1.1 million
Homes that can be powered by clean energy generated in North Carolina.

9.4%
Share of all electricity produced in North Carolina that comes from wind, solar, and energy storage power plants.
State rank: 28th

The clean power industry is an important job creator in North Carolina with a clean energy workforce of 9,600

$15 billion
Capital invested in wind, solar, and energy storage projects in North Carolina.

Clean power invests in local North Carolina communities, providing property, state, and local taxes in 2022 totaling $30.7 million

Clean power projects provide extra income to farmers, ranchers, and other private landowners. In 2022, these drought-proof land lease payments totaled $43 million

8,924,000
Metric tons of CO₂ emissions avoided thanks to wind, solar, and storage projects in North Carolina — equivalent to taking 1,940,000 cars off the road.

In 2022, wind, solar, and energy storage plants in North Carolina avoided water consumption totaling 3 billion gallons