



Clean Power North Carolina

7,330 MW

Operating wind, solar, and energy storage capacity in North Carolina.

State rank:
11th



1.3 million

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



10.0%

Share of all electricity produced in North Carolina that comes from wind, solar, and energy storage power plants.

State rank:
29th



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

10,500



\$19 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 annually totaling

\$43 million



Clean power projects provide extra income to farmers, ranchers, and other private landowners. Annually, these drought-proof land lease payments total

\$49.4 million



4,551,000

Metric tons of CO₂ emissions avoided thanks to wind, solar, and storage projects in North Carolina — equivalent to taking

990,000

cars off the road.



In 2024, wind, solar, and energy storage plants in North Carolina avoided water consumption totaling

3 billion gallons

