

Battery Storage: A Cleaner Energy Future For North Carolina

Battery storage is a critical step toward a cleaner energy future for North Carolina. More battery storage means we can connect more wind and solar to the grid, making our power cleaner, cheaper, and more reliable. That's good news for birds and local communities that depend on clean air and water and are facing threats from changes to our climate. But battery storage also makes good business sense, as one of the fastest growing sectors of renewable energy. Prices are falling, demand is rising, and North Carolina is well-positioned to see this industry take flight.

North Carolina is primed to be a battery storage powerhouse:

With a legacy of manufacturing, a skilled workforce, a friendly business climate, first-class research universities, and abundant sunshine and wind.



Clean Energy Today

- **110,912** clean energy jobs in North Carolina¹
- **\$15 billion** in Gross State Product from investments in renewable energy (over 10 years)²
- **80%** of clean energy workers are employed by small businesses¹
- **Clean energy** jobs are growing **twice as fast** as statewide employment growth¹

Storage Tomorrow



300 current firms and 1200 potential firms can be found in every region of the state.



Expanding energy storage could grow sales by over 400%, yielding \$50 billion.



Today's 23,000 energy storage jobs could grow more than six-fold to 160,000.



Rising temperatures threaten 204 bird species in North Carolina, but clean energy solutions like battery storage will help protect them.

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1. <https://www.e2.org/wp-content/uploads/2019/07/E2-Clean-Jobs-North-Carolina-2019.pdf>
2. https://energync.org/wp-content/uploads/2019/05/NCSEA_Economic_Impact_Analysis_of_Clean_Energy_Development_in_North_Carolina_2019.pdf