

# A Brighter Future

[ncelectriccooperatives.com](http://ncelectriccooperatives.com)



**N**orth Carolina's 26 not-for-profit electric cooperatives are powering a brighter future for 2.5 million people and rural communities statewide. Led by local consumers, electric cooperatives are working together to deliver value and expand energy services that benefit members. Our commitment to service guides our vision for continued community support, innovation for increased reliability and the pursuit of responsible sustainability targets at a pace that ensures affordability and leaves no member behind, now and for generations to come.

## Reliability & Innovation



The low-cost, low-carbon future our members desire will stem from innovation and new technologies leveraged across cooperative-operated distribution systems, including new consumer and commercial solutions. As a Distribution Operator, North Carolina's electric cooperatives are coordinating thousands of distributed energy resources across cooperative systems, which span 100,000 miles of distribution power lines. This coordination ensures the resources work together to make the grid more efficient and resilient, and deliver the greatest possible value to all cooperative members.

**1** Statewide electric vehicle charging network

**5** Microgrids

**10** Substation batteries

**13** Solar + storage sites

**19** Community solar farms

**35** Megawatts of conservation voltage reduction

**600** Megawatts of renewable, distributed energy and edge-of-grid resources connected to co-op grids

**28K** Demand response devices, including smart thermostats and water heater controls

## Affordable, Sustainable Energy



Cooperatives are committed to providing electricity to members at the lowest possible cost while also enhancing sustainability, setting a significant goal:

**2050 TARGET**

# NET-ZERO

Carbon emissions

To meet this target and ensure reliability and affordability, North Carolina's electric cooperatives prioritize emissions-free nuclear energy and are coordinating a growing number of renewable resources and new technologies through advanced grid operations.

## Local Community Support



Because we are led by members and belong to the communities we serve, we understand local needs and are focused on enriching the lives of our members, not making a profit. We are also committed to demonstrating "concern for community" through continued education initiatives, economic development and other community-focused activities.

**\$15 MILLION**

Provided to classrooms through Bright Ideas education grants

**\$83 MILLION**

Provided for economic development grants and loans

**50+ YEARS**

Elevating future leaders on the Youth Tour to Washington, D.C.