

A Brighter Future

ncelectriccooperatives.com



Together with our consumer-members, North Carolina's 26 electric cooperatives are building a brighter future for North Carolina's rural people and communities. Our innovation and actions are guided by our local roots and focus on delivering value to cooperative members and communities. In this decade and beyond, we will continue our commitment to providing reliable electricity at the lowest possible cost while also advancing the pursuit of responsible sustainability goals.

Sustainable, Affordable Energy



To us, sustainability means delivering low-carbon electricity over a grid that is more efficient, resilient and secure. In doing so, we are working toward two significant goals:

2030 TARGET

50%

Reduction in carbon emissions from 2005

2050 TARGET

NET-ZERO

Carbon emissions

To meet these goals and ensure reliability and affordability, North Carolina's electric cooperatives will prioritize emissions-free nuclear energy, as well as increase and coordinate renewable energy generation and new technologies through advanced grid operations.

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

14 Solar + storage sites

19 Community solar farms

35 Megawatts of conservation voltage reduction

500 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

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.

\$40 MILLION

Loans of up to \$2 million at 0% interest

\$14.3 MILLION

Provided to classrooms through Bright Ideas education grants

\$70 MILLION

Provided for economic development grants and loans