

Innovation for a Brighter Future

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NC Electric Cooperatives

Your Touchstone Energy® Cooperatives 

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Consumers' needs and expectations are evolving in lockstep with advances in technology. As consumer-focused organizations, North Carolina's electric cooperatives are innovating to match new services and solutions to consumer-members' needs.

Leading Innovation

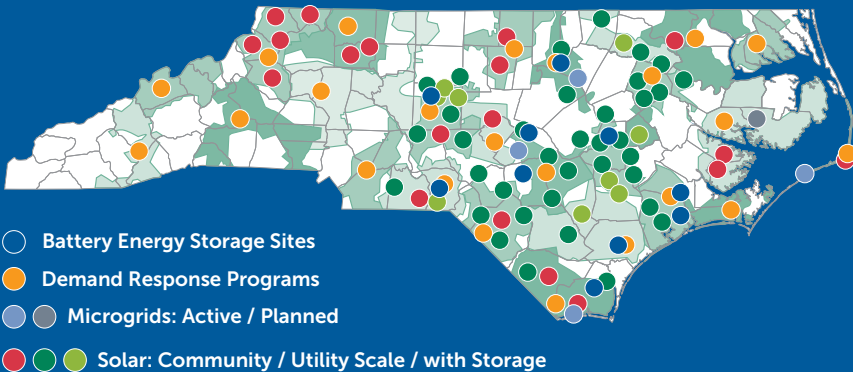
North Carolina's electric cooperatives are national leaders in deploying technology that benefits members and local communities. Advanced metering infrastructure enables members to enroll in services to monitor, control and budget their energy use while strategically integrated edge-of-grid resources like solar and storage support sustainability and increased reliability.



The Community Solar Farm at the Pee Dee Electric headquarters in Wadesboro, NC offers members the opportunity to purchase the energy output from solar panels.

Engaging Members With:

- **Pay As You Use Options**
Pay upfront for electricity, like a prepaid cell phone.
- **Energy Management Portals & Apps**
Track real-time energy use.
- **Usage Alerts**
Set up e-mail and text message alerts if energy use approaches a designated threshold.
- **Time of use rates**
Co-op members can save by using electricity during off-peak times, when demand on the electric grid is low.



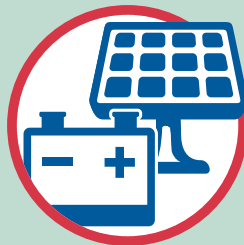
Distribution Operator

North Carolina's electric cooperatives and their members are integrating new energy resources throughout cooperative grids. As a Distribution Operator, the cooperatives are collectively managing these resources for enhanced service to members through improved grid resilience, reliability and cost savings, while also facilitating greater coordination with transmission operators.

Coordinated resources include:

- Energy storage and utility-scale, community and residential solar
- Five microgrids
- Internet-connected devices, like smart thermostats and water heaters

The cooperative business model means members benefit directly from this coordination.



The ecobee smart thermostat is one of the internet-connected devices that North Carolina's electric cooperatives offer to their member-owners to help them manage their energy use.



As not-for-profit businesses that belong to the communities they serve, North Carolina's electric cooperatives will continue to innovate and connect with members in ways that match local needs and expectations.