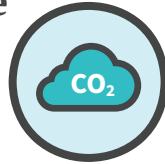


Co-op Innovation

Creative problem-solving comes naturally to electric cooperatives because of their local focus, their mission to meet members' needs, their culture of collaboration and the challenges presented by the rural and remote territories they serve. As the energy industry continues to rapidly transform, co-ops are leading in several areas of technological innovation.

Carbon Capture and Storage

Carbon capture and storage is a promising technology for keeping fossil fuel generation viable. **Minnkota Power** in North Dakota is at the forefront with Project Tundra.



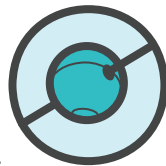
Microgrids

Multiple co-ops, including several in **North Carolina**, have built microgrids to boost reliability and curb peak demand.



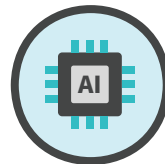
Advanced Conductors

Co-ops like **Basin Electric** in North Dakota are testing dynamic line ratings and advanced conductors to maximize transmission capacity.



AI Applications

Co-ops are looking for ways to safely integrate artificial intelligence, including a private AI system at **Dairyland Power Cooperative** in Wisconsin called VoltWrite.



Drones

Because of their rugged, remote territories, co-ops like **Consumers Power** in Oregon have embraced drones for operational uses.



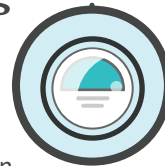
Energy Storage

Great River Energy in Minnesota is testing long-term duration storage to help integrate renewable generation.



Innovative Pricing

Co-ops are deploying pricing models to control demand, including a new crypto peak rate at **Central Electric** in South Carolina.



Renewables

Hundreds of co-ops are using renewable resources, either on their own, with contractors or through their G&T.



Broadband

More than 200 electric co-ops are providing high-speed internet in their territories.



DERMS

Co-ops like **MidSouth EC** in Texas are using DERMS to harness behind-the-meter resources.

