



Central Electric
Membership Corporation

A Touchstone Energy® Cooperative 

Utility-scale battery storage added to system

A cutting-edge battery energy storage technology was recently brought online at the co-op's Doc's Road substation near Spout Springs. The battery project is integrated with the co-op's existing substation resources, which will serve to enhance system resilience and reliability for the co-op's members.

"Our co-op is committed to innovation and continually finding ways to best serve our members," said CEO & General Manager Eddie Oldham. "The addition of these batteries adds a significant peak-shaving and backup power resource to our existing facilities."

Central's battery project is one of 10 substation batteries being deployed across the state by North Carolina's Electric Cooperatives. Collectively, the batteries will provide 40 megawatts of power. The batteries will be charged when demand for electricity is low and discharged during moments of peak demand for power. This not only enhances electric reliability but is expected to provide cost savings over the lifetime of the batteries. Since the co-op is not-for-profit and operates as close to at-cost as possible, the co-op's members will benefit from those savings.



The co-op recently added cutting-edge battery storage technology at the Doc's Road substation. The batteries will allow us to continue enhancing the reliability and resiliency of the service we provide to members.

The substation batteries complement a growing collection of distributed energy resources, which cooperatives are integrating into the grid and deploying at scale. The goal is to collectively maximize benefits and optimize operation for enhanced grid resilience and reliability.