



Advancing the future of energy in Person County

Duke Energy is focused on delivering reliable, affordable service every day to the customers and communities we serve and transitioning to cleaner energy options and a lower carbon future.

A history of service

Person County has been home to the Roxboro (Hyco) Plant since 1966 and the Mayo Plant since 1983. Together, these plants have been an important part of the community for more than 50 years and among the largest employers in the region. They have also helped power remarkable growth and prosperity in North Carolina, which continues today.

Leading the way to a cleaner energy future

North Carolina has an urgent need for new electric infrastructure to meet growing energy demand. Our coal plants in Person County, while reliable, are nearing the end of their long service lives. We currently expect to retire the Mayo Plant by 2031 and the Roxboro Plant by 2034. Duke Energy expects to exit coal entirely in the state by 2035.

We are committed to keeping power generation in Person County, even as we transition to cleaner energy options and a lower carbon future. Duke Energy has proposed plans to construct a new, hydrogen-capable natural gas plant as part of a new chapter for the Roxboro Plant and Person County. The site would be home to one of the most advanced power plants in Duke Energy's fleet.

The 1,360 megawatt, highly efficient combined-cycle plant will dramatically reduce carbon emissions while continuing Person County's legacy of delivering reliable, affordable power to customers and communities across the region. Prioritizing existing plant sites for replacement generation, and employing our existing transmission system, workforce and infrastructure, will also help lower the cost of the energy transition for customers.

We are also evaluating other potential future generation sources for the county, including additional natural gas, advanced nuclear and renewables, providing an opportunity for Person County to be at the center of Duke Energy's clean energy transition in the years ahead.

Proposed new generation at Roxboro Plant

Type: Hydrogen-capable natural gas combined cycle

Size: 1,360 MW

Employment: Natural gas plants typically employ between 35-70 people, depending on size.

A similar project in Asheville supported around 1,300 construction jobs and more than \$120 million in supplier goods and services. That same project generated more than \$1.5 million in new county property taxes in 2019.

Duke Energy's commitment: More than \$450,000 in recent years to local organizations, with nearly \$85,000 gifted to public assistance.

Powering a growing state

Over the next 15 years, electric use by Duke Energy customers in the Carolinas (retail and wholesale) *is projected to increase by around 35,000 gigawatt-hours* – more than the annual electric generation of Delaware, Maine and New Hampshire combined.



BUILDING A SMARTER ENERGY FUTURE®