

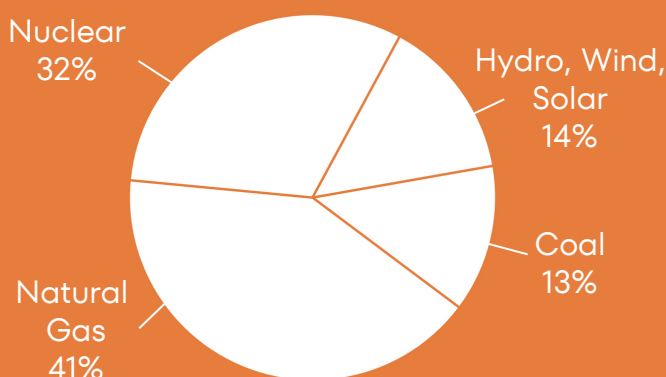


advanced energy

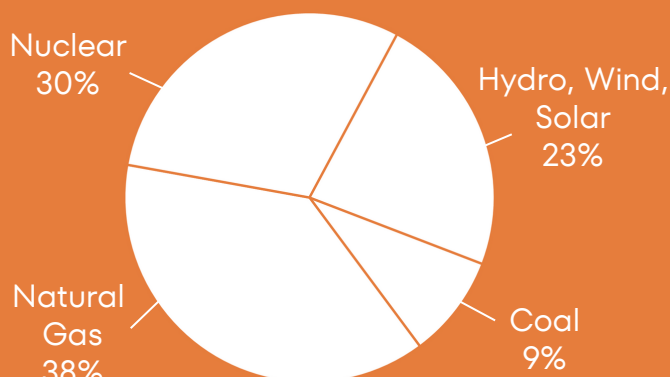
North Carolina's CLEAN ENERGY TRANSITION

North Carolina's electric utilities are moving to cleaner, lower-carbon energy sources. This clean energy transition comes with an ongoing focus on keeping energy costs as low and reliability as high as possible while ensuring that our energy supply and the electric grid continue to fulfill their critical roles in our society and economy.

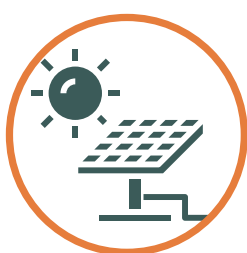
Generation Mix 2022



Projected Generation Mix 2030



2022 by the Numbers*



5,445 MW Installed Solar Capacity



208 MW Installed Wind Capacity



13 Microgrid Projects



15 Utility-Scale Battery Storage Sites



44,000+ Electric Vehicles



2,600+ Public Charging Ports

Jobs Created

8,912	1,054	1,432
Solar	Wind	Energy Storage

Potential Clean Energy Jobs by 2030

19,000+	6,500+	1,900+
Solar	Wind	Energy Storage

Data Sources

Electric Vehicle Registrations: [NC Department of Transportation](#)
 EV Charging Stations: [DOE Alternative Fuels Data Center](#)
 Microgrid Projects: [NC Electric Cooperatives](#), [U.S. Department of Energy](#)
 NC Generation Mix 2022: [U.S. Energy Information Administration](#)
 NC Generation Mix 2030: [Duke Energy](#)
 NC Jobs: [NC Sustainable Energy Association \(Solar, Wind, Energy Storage, 2030\)](#)
 Solar Capacity: [NC Sustainable Energy Association](#)
 Utility-Scale Battery Storage: [NC Electric Cooperatives](#), [Duke Energy](#)
 Wind Capacity: [U.S. Energy Information Administration](#)

*as of June 2022