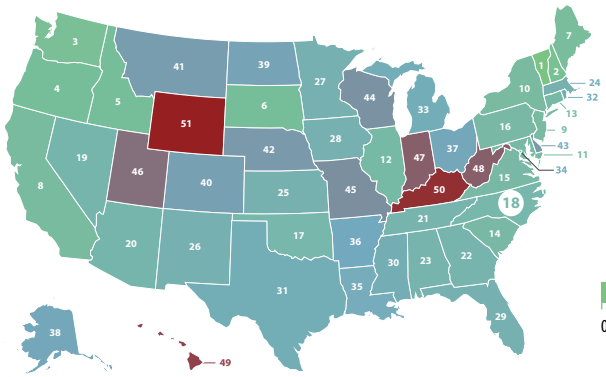
HOW DOES NORTH CAROLINA STACK UP ON CLEAN ENERGY?

DATA AS OF 2023

Lowest CO_2 Emissions Rate

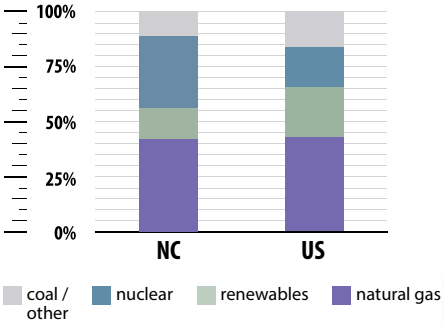


#18

0.29 tCO_2/MWh

0 tCO_2/MWh — 0.9 tCO_2/MWh

Electricity Sources

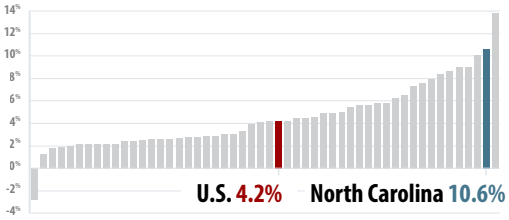


Clean Energy Jobs

#10

135,495
Clean Energy Jobs

Clean Energy Job Growth (2022-2023)



All states and U.S. total ranked from lowest to highest % job growth

Clean Energy Rankings

#25
ENERGY EFFICIENCY SCORE = 14.5

#25
42% GENERATION FROM NATURAL GAS

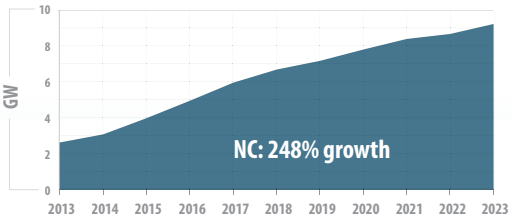
#27
14% GENERATION FROM RENEWABLES

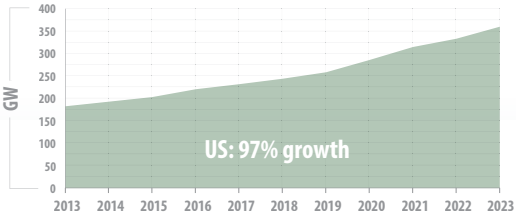
Renewable Electricity Capacity

#17
NEW BUILD (2023)
526 MW

#8
CUMULATIVE BUILD
9,246 MW

Growth in Capacity Over the Past Decade (2013-2023)





CLEAN ENERGY BUSINESS NETWORK

The Business Council for Sustainable Energy®

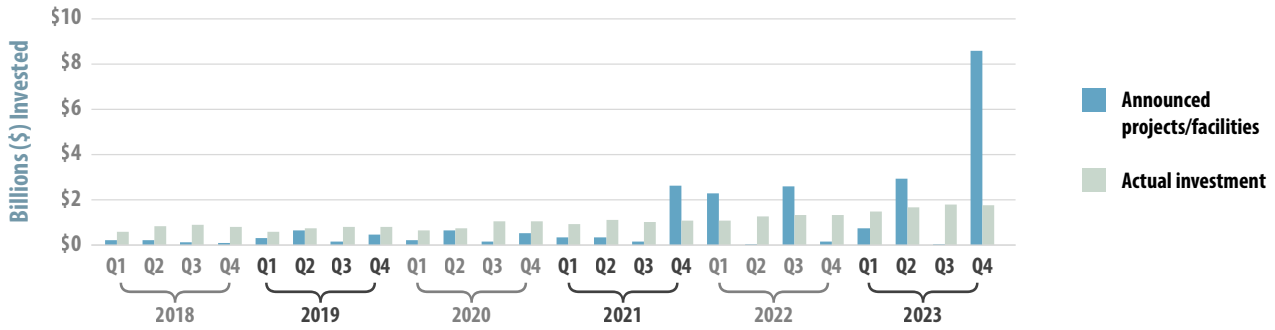
SOURCES: BloombergNEF, U.S. Energy & Employment Report (Department of Energy), Energy Information Administration (all as of 2023); American Council for an Energy-Efficiency Economy (as of 2022). Clean energy jobs include renewable, grid, storage, transmission and distribution, nuclear, and advanced vehicle technologies. Renewable energy capacity data include solar, wind, biomass/waste, geothermal, hydropower. See complete methodology at CEBN.org/State-of-Clean-Energy.

INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT

WHAT ENERGY INNOVATION MEANS FOR NORTH CAROLINA

- $1.2 BILLION Total Department of Energy funding in FY23
- $357 MILLION Office of Energy Efficiency and Renewable Energy grants in FY23
- $495 MILLION Office of Science grants in FY23
- $45.8 MILLION Advanced Research Projects Agency-Energy grants in FY23
- 90 AWARDS DOE Small Business Innovation Research (SBIR) since 2012

CLEAN ENERGY INVESTMENT



BUSINESS SPOTLIGHT

SUSTEON TECHNOLOGIES (DURHAM, NC) | www.SusteonInc.com

SUSTEON

With support from the Department of Energy's Small Business Innovation Research (SBIR) program, Susteon has developed decarbonization solutions for a variety of energy technologies, including CO2 removal, capture, and utilization, and carbon-free hydrogen production. Susteon has spun out a startup company, Sustaera, to develop and deploy a novel direct air capture technology for CO2 removal.

SOURCES: Bipartisan Policy Center, USASpending.gov, Clean Investment Monitor from Rhodium Group and MIT's Center for Energy and Environmental Policy Research. View complete methodology at CEBN.org/State-of-Clean-Energy.