

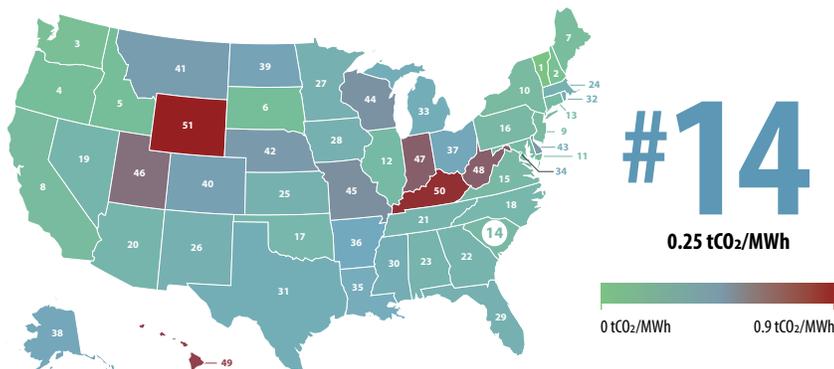
HOW DOES SOUTH CAROLINA STACK UP ON CLEAN ENERGY?



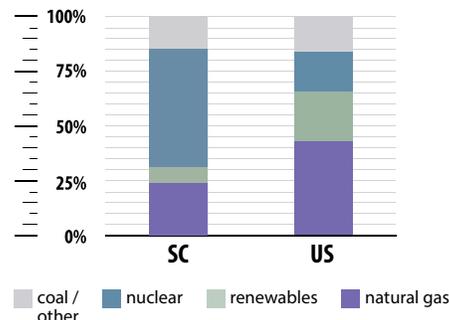
DATA AS OF 2023



Lowest CO₂ Emissions Rate



Electricity Sources

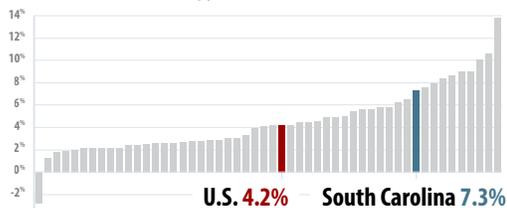


Clean Energy Jobs

#23

70,147
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

#49
ENERGY EFFICIENCY
SCORE = 3



#36
24% GENERATION
FROM NATURAL GAS



#44
7% GENERATION
FROM RENEWABLES

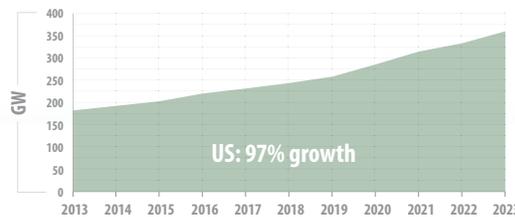
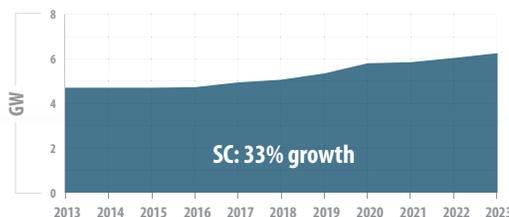


Renewable Electricity Capacity

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

#27
NEW BUILD (2023)
219 MW

#18
CUMULATIVE BUILD
6,254 MW



INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT



WHAT ENERGY INNOVATION MEANS FOR SOUTH CAROLINA



\$253 MILLION Total Department of Energy funding in FY23

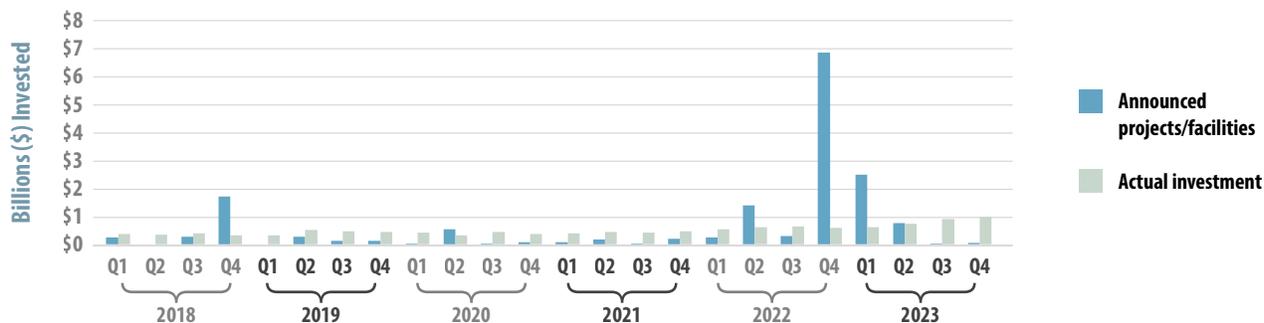
\$88.9 MILLION Office of Energy Efficiency and Renewable Energy grants in FY23

\$66.5 MILLION Office of Science grants in FY23

\$8.5 MILLION Advanced Research Projects Agency-Energy grants in FY23

35 AWARDS DOE Small Business Innovation Research (SBIR) since 2012

CLEAN ENERGY INVESTMENT



BUSINESS SPOTLIGHT

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Advent Innovations Ltd. Co. is a woman-owned business funded by both the Department of Energy and NASA for its research and development in energy, advanced materials, additive manufacturing, controls, and structural modeling. With support from the Department of Energy, the firm's work has provided energy solutions such as catalysts for Fuel Cell, harvesting energies from ambient vibration, acoustics controls, and ambient heat and biological processes.