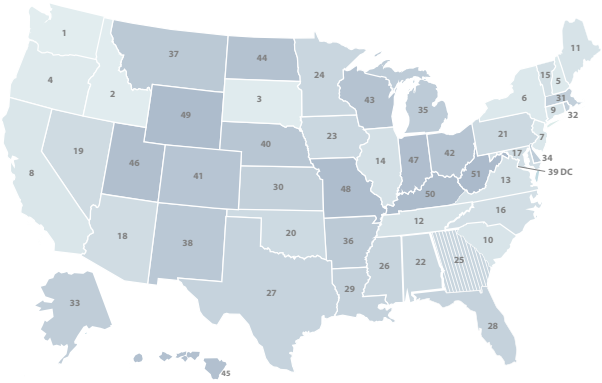
HOW DOES GEORGIA STACK UP ON CLEAN ENERGY?

DATA AS OF 2021

LOWEST CO_2 EMISSIONS RATE



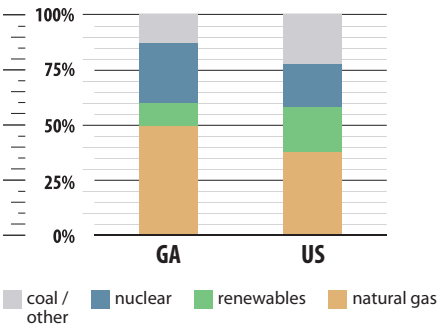
#25

0.37 tCO_2/MWh

CO_2 EMISSIONS RATE

0.1 tCO_2/MWh — 0.9 tCO_2/MWh

ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#16

75,159 (2021)

Growth/recovery since 2020 totaled 2,931 jobs (4.1%).

CLEAN ENERGY RANKINGS

#42

ENERGY EFFICIENCY SCORE = 10

#15

49% GENERATION FROM NATURAL GAS

#31

11% GENERATION FROM RENEWABLES

RENEWABLE ELECTRICITY CAPACITY

#9

1018 MW (2021)

NEW BUILD

#14

7,050 MW

CUMULATIVE

CLEAN ENERGY BUSINESS NETWORK

The Business Council for Sustainable Energy®

DATA: COLOR SHADING ON ALL INFOGRAPHICS INDICATES PERCENTILE AMONG 50 U.S. STATES AND THE DISTRICT OF COLUMBIA. CLEAN ENERGY INDUSTRIES INCLUDED ARE ENERGY EFFICIENCY, RENEWABLE ENERGY, NATURAL GAS, STORAGE, AND ADVANCED GRID TECHNOLOGIES. SOURCES: BLOOMBERG NEW ENERGY FINANCE, BW RESEARCH, ENERGY INFORMATION ADMINISTRATION (2021), AND AMERICAN COUNCIL FOR AN ENERGY-EFFICIENT ECONOMY (2020).

ENERGY INNOVATION IN A 21ST CENTURY ECONOMY

WHAT ENERGY INNOVATION MEANS FOR GEORGIA

- $67.6 MILLION Total Department of Energy funding in FY21
- $16.8 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21
- $22.6 MILLION Office of Science grants in FY21
- $46 MILLION Advanced Research Projects Agency-Energy grants since FY2009
- 51 AWARDS DOE Small Business Innovation Research (SBIR) since 2012

IMPACTS OF FEDERAL R&D IN ENERGY SECTOR (TOTAL, 2018)

#20 590 JOBS SUPPORTED

#21 $61 MILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

PETROLERN (BROOKHAVEN, GA) | PetroLern.com

Petrolern is a leading technology company developing cutting-edge low-carbon technologies to improve economics and risk mitigation for subsurface operations. Petrolern delivers subsurface solutions for carbon storage, geothermal energy, and reduced carbon oil and gas operations. Its green energy initiative begins with making the oil and gas industry greener by providing energy transition solutions. The firm has received nine grants from the Department of Energy and one from NSF to develop enabling technologies for CO2 storage and geothermal energy.

SOURCES: BIPARTISAN POLICY CENTER, USASPENDING.GOV, ARPA-E, BREAKTHROUGH ENERGY