

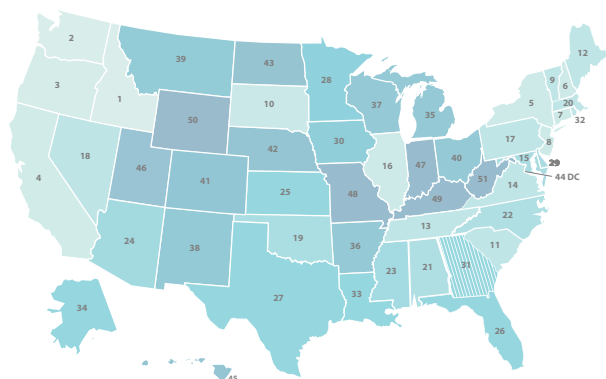
HOW DOES GEORGIA STACK UP ON CLEAN ENERGY?



DATA AS OF 2019



LOWEST CO₂ EMISSIONS RATE

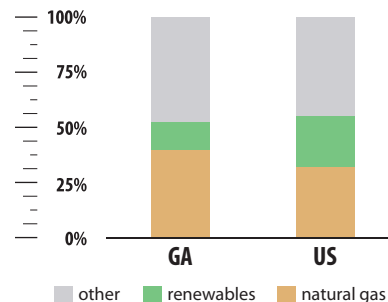


#31

0.42 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#14

85,477 (2019)



COVID-19 job losses totaled at least 27,058 March-August 2020 (cumulative).



CLEAN ENERGY RANKINGS

#38

ENERGY EFFICIENCY SCORE = 11



#14

45% GENERATION FROM NATURAL GAS



#33

8% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#8

723 MW (2019)

NEW BUILD



#14

5,099 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR GEORGIA



\$9.6 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY19

\$14.5 MILLION Office of Science grants in FY19

\$68.6 MILLION State and Indian energy programs, environmental cleanup, and other routine activities in FY19

\$35.4 MILLION Advanced Research Projects Agency-Energy grants since FY2009

17 GRANTS By ARPA-E since 2009

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) | www.PetroLern.com



PetroLern is a research and consulting company in subsurface engineering and geosciences focused mainly on developing advanced technologies for geothermal energy extraction and carbon capture and storage. PetroLern's mission is to apply the knowledge and learnings from the oil and gas industry to facilitate movement toward new clean energy sources. The firm has received three grants from the Department of Energy to develop new technologies for CO2 storage.