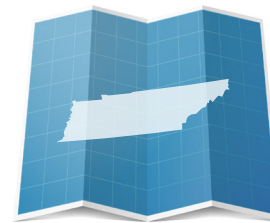


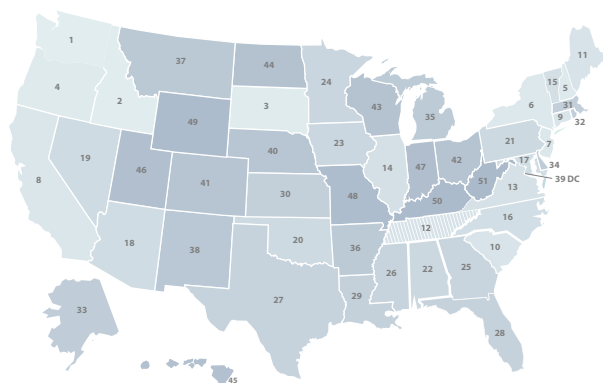
HOW DOES TENNESSEE STACK UP ON CLEAN ENERGY?



DATA AS OF 2021

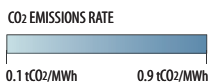


LOWEST CO₂ EMISSIONS RATE

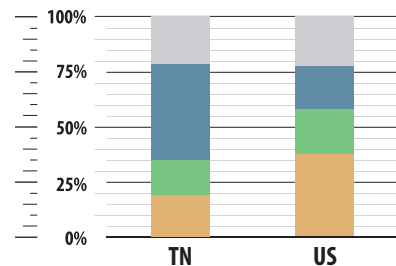


#12

0.30 tCO₂/MWh



ELECTRICITY SOURCES



coal / other nuclear renewables natural gas



CLEAN ENERGY JOBS

#15



75,752 (2021)

Growth/recovery since 2020 totaled 1,615 jobs (2.2%).



CLEAN ENERGY RANKINGS

#29

ENERGY EFFICIENCY SCORE = 15



#37

19% GENERATION FROM NATURAL GAS



#22

16% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#35

NEW BUILD



12 MW (2021)

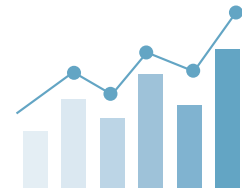
#33

CUMULATIVE



3,015 MW

ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR TENNESSEE



\$65.6 MILLION Total Department of Energy funding in FY21

\$17.1 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21

\$20.9 MILLION Office of Science grants in FY21

\$55.5 MILLION Advanced Research Projects Agency-Energy grants since FY2009

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

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

#3 14,620 JOBS SUPPORTED

#3 \$1.5 BILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

CRYOMAGNETICS (OAK RIDGE, TN) | www.CryoMagnetics.com

Cryomagnetics Inc. is a complete engineering and manufacturing facility specializing in superconducting magnets, liquid chemical level sensors, transfer lines, current leads, and monitoring and control systems. Cryomagnetics Inc. has received funding from the Department of Energy's Small Business Innovation Research program and has developed superconducting magnets for various research facilities working in high-energy physics, medicine, and advanced materials.