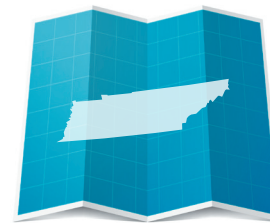


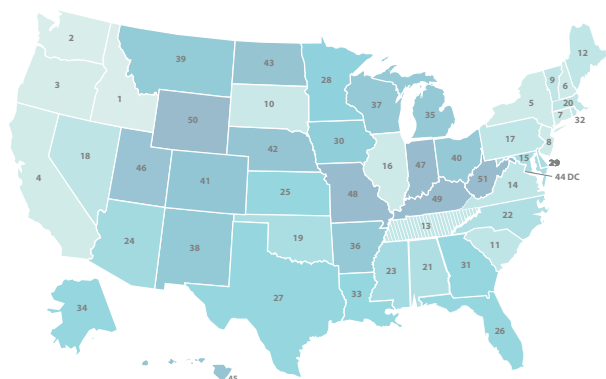
HOW DOES TENNESSEE STACK UP ON CLEAN ENERGY?



DATA AS OF 2019



LOWEST CO₂ EMISSIONS RATE

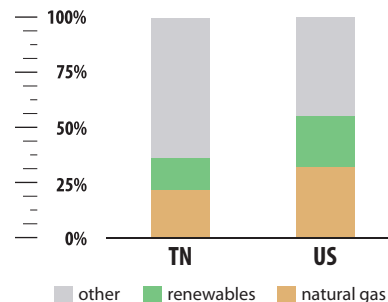


#13

0.31 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#16

81,902 (2019)



COVID-19 job losses totaled at least 7,916 March-August 2020 (cumulative).



CLEAN ENERGY RANKINGS

#30

ENERGY EFFICIENCY SCORE = 14.5



#34

20% GENERATION FROM NATURAL GAS



#26

13% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#44

5.7 MW (2019)

NEW BUILD



#26

3,002 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR TENNESSEE



\$14.9 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY19

\$16.6 MILLION Office of Science grants in FY19

\$4.2 BILLION State and Indian energy programs, environmental cleanup, and other routine activities in FY19

\$46.7 MILLION Advanced Research Projects Agency-Energy grants since FY2009

22 GRANTS By ARPA-E since 2009

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.