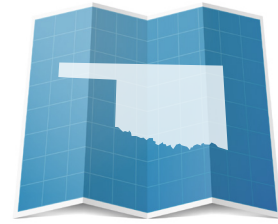


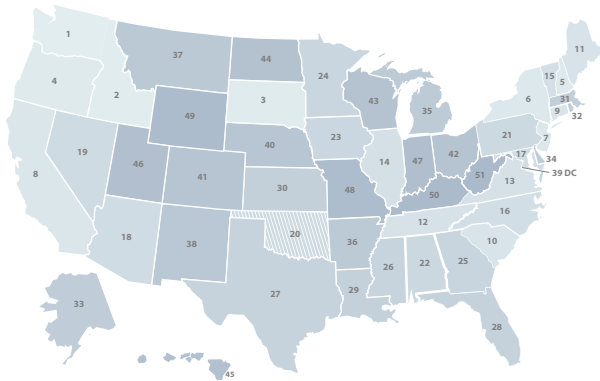
HOW DOES OKLAHOMA STACK UP ON CLEAN ENERGY?



DATA AS OF 2021



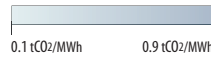
LOWEST CO₂ EMISSIONS RATE



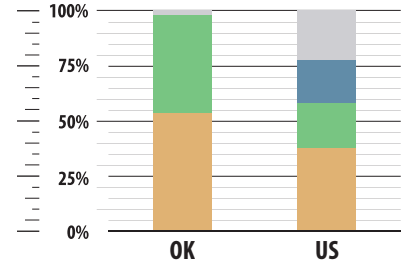
#20

0.33 tCO₂/MWh

CO₂ EMISSIONS RATE



ELECTRICITY SOURCES



coal / other nuclear renewables natural gas



CLEAN ENERGY JOBS

#27

43,004 (2021)



Growth/recovery since 2020 totaled 444 jobs (1%).



CLEAN ENERGY RANKINGS

#37

ENERGY EFFICIENCY SCORE = 12



#11

53% GENERATION FROM NATURAL GAS



#10

45% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#8

1,103 MW (2021)

NEW BUILD



#6

11,978 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR OKLAHOMA



\$20.6 MILLION Total Department of Energy funding in FY21

\$7.6 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21

\$2.9 MILLION Office of Science grants in FY21

\$6.8 MILLION Advanced Research Projects Agency-Energy grants since FY2009

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

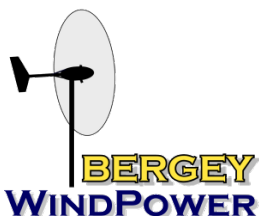
IMPACTS OF FEDERAL R&D IN ENERGY SECTOR (TOTAL, 2018)

#32 240 JOBS SUPPORTED

#34 \$21 MILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

BERGEY WIND POWER (NORMAN, OK) | www.Bergey.com



Bergey Windpower is a 40-year-old family-owned small wind manufacturing company, producing wind turbines with 90% domestic components. Department of Energy cost-shared research funding allowed the firm to take an aggressive approach to redesigning its residential/farm turbine and streamlining its installation, reducing costs. The Department of Energy is now helping the firm develop a home microgrid system and a new distributed energy resource-focused business model for rural electric cooperatives.