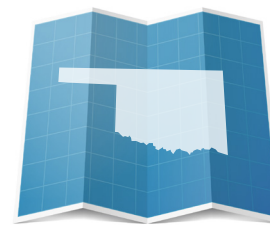


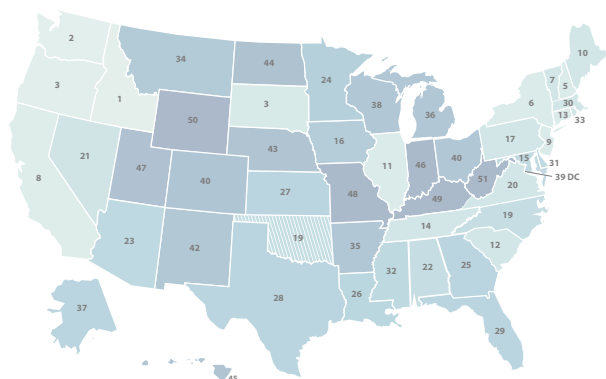
HOW DOES OKLAHOMA STACK UP ON CLEAN ENERGY?



DATA AS OF 2020



LOWEST CO₂ EMISSIONS RATE

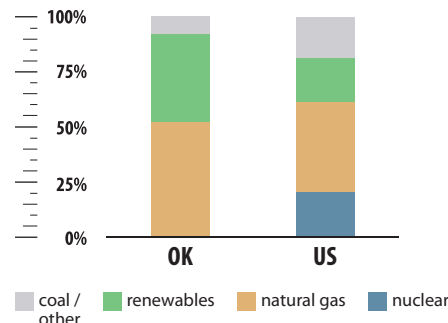


#17

0.31 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#28

42,560 (2020)



COVID-19 job losses totaled at least 4,169 March-December 2020 (cumulative).



CLEAN ENERGY RANKINGS

#37

ENERGY EFFICIENCY SCORE = 12



#12

52% GENERATION FROM NATURAL GAS



#11

40% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#5

1,713 MW (2020)

NEW BUILD



#6

10,875 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR OKLAHOMA



- \$6 MILLION** Office of Energy Efficiency and Renewable Energy Grants in FY20
- \$5.4 MILLION** Office of Science grants in FY20
- \$143.3 MILLION** State and Indian energy programs, environmental cleanup, and other routine activities in FY20
- \$6.4 MILLION** Advanced Research Projects Agency-Energy grants since FY2009
- 4 GRANTS** By ARPA-E since 2009

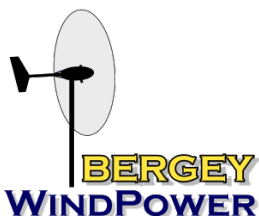
IMPACTS OF FEDERAL R&D IN ENERGY SECTOR (TOTAL, 2018)

#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.