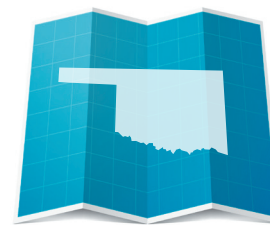


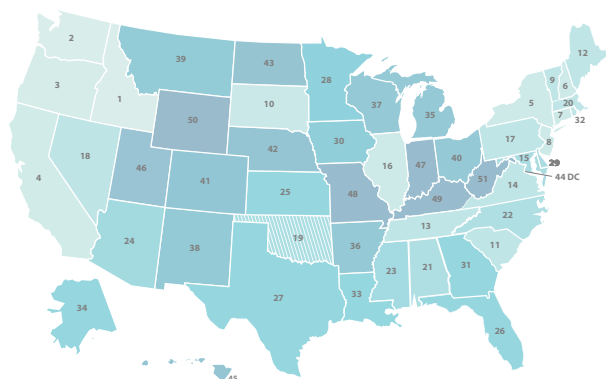
HOW DOES OKLAHOMA STACK UP ON CLEAN ENERGY?



DATA AS OF 2019

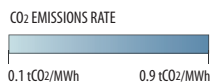


LOWEST CO₂ EMISSIONS RATE

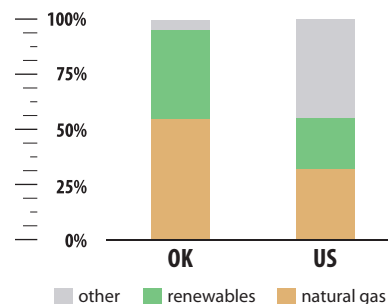


#19

0.35 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#26

51,816 (2019)



COVID-19 job losses totaled at least 4,462 March-August 2020 (cumulative).



CLEAN ENERGY RANKINGS

#37

ENERGY EFFICIENCY SCORE = 12



#11

54% GENERATION FROM NATURAL GAS



#12

35% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#25

100 MW (2019)

NEW BUILD



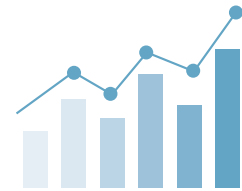
#6

9,162 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR OKLAHOMA



\$13.3 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY19

\$3.3 MILLION Office of Science grants in FY19

\$44.3 MILLION State and Indian energy programs, environmental cleanup, and other routine activities in FY19

\$3.3 MILLION Advanced Research Projects Agency-Energy grants since FY2009

3 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.