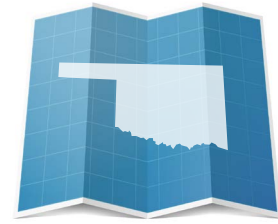


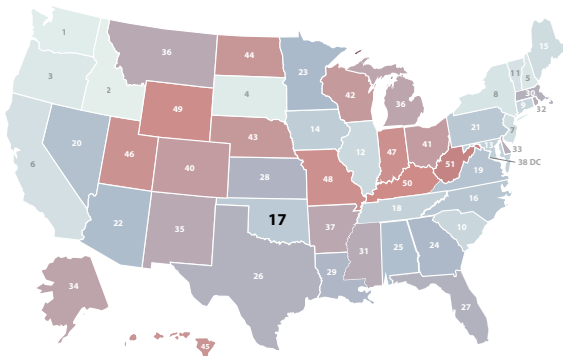
# HOW DOES OKLAHOMA STACK UP ON CLEAN ENERGY?



DATA AS OF 2022

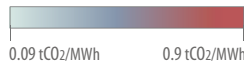


## LOWEST CO<sub>2</sub> EMISSIONS RATE

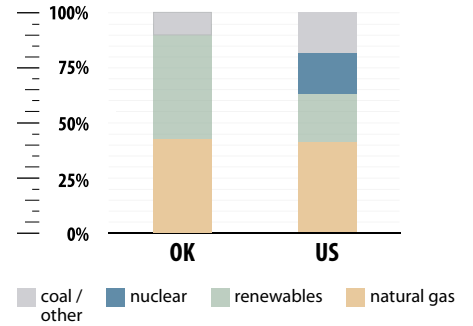


# #17

0.31 tCO<sub>2</sub>/MWh



## ELECTRICITY SOURCES



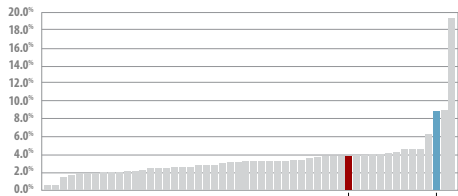
## CLEAN ENERGY JOBS

### Clean Energy Job Growth (2021-2022)

# #27

51,525 (2022)

3,690 JOBS ANNOUNCED THROUGH NEW CLEAN ENERGY PROJECTS SINCE THE INFLATION REDUCTION ACT



U.S. 3.9%  
OK 9.0%

All states and U.S. total ranked from lowest to highest % job growth



## CLEAN ENERGY RANKINGS

# #41

ENERGY EFFICIENCY SCORE = 5



# #21

43% GENERATION FROM NATURAL GAS



# #11

47% GENERATION FROM RENEWABLES



## RENEWABLE ELECTRICITY CAPACITY

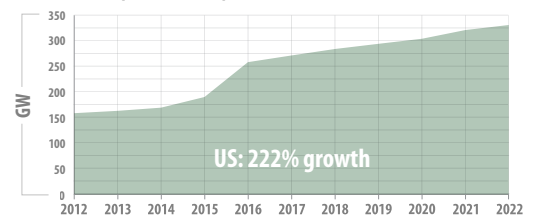
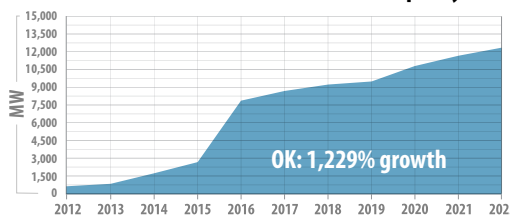
# #6

CUMULATIVE BUILD 12,929 MW

# #3

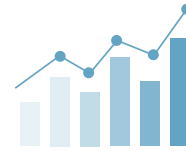
NEW BUILD (2022) 1,303 MW

### Growth in Capacity Over the Past Decade (2012-2022)



**SOURCES:** BloombergNEF, U.S. Energy & Employment Report (Department of Energy), Energy Information Administration, American Council for an Energy-Efficiency Economy (ACEEE), Climate Power. All data are as of 2022, except jobs since passage of Inflation Reduction Act (8.15.22-9.30.23). Clean energy jobs include renewable, grid, storage, transmission and distribution, nuclear, and advanced vehicle technologies. Renewable energy capacity data include solar, wind, biomass/waste, geothermal, hydropower. See complete methodology at [CEBN.org/State-of-Clean-Energy](https://cebn.org/State-of-Clean-Energy).

# INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT



## WHAT ENERGY INNOVATION MEANS FOR OKLAHOMA



**\$129.1 MILLION** Total Department of Energy funding in FY22

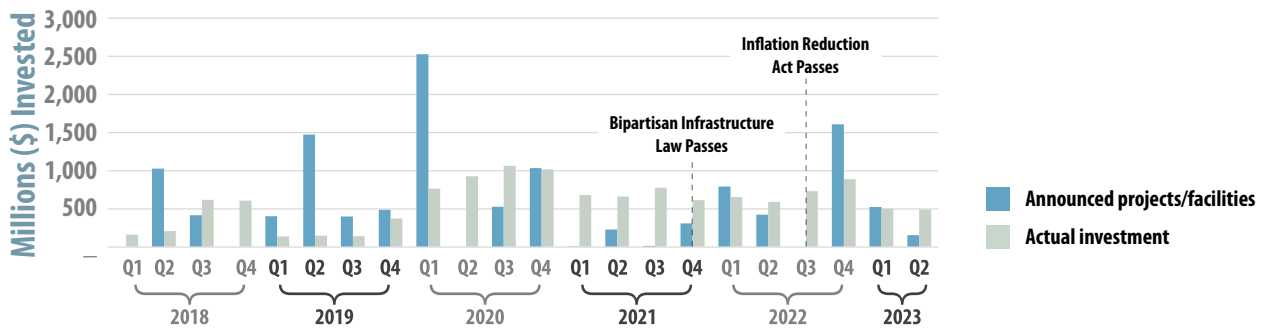
**\$43.8 MILLION** Office of Energy Efficiency and Renewable Energy grants in FY22

**\$11.9 MILLION** Advanced Research Projects Agency-Energy grants in FY22

**\$31.7 MILLION** Office of Science grants in FY22

**24 AWARDS** DOE Small Business Innovation Research (SBIR) since 2012

## CLEAN ENERGY INVESTMENT



## BUSINESS SPOTLIGHT

**BERGEY WIND POWER (NORMAN, OK) | [www.Bergey.com](http://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.

**SOURCES:** Bipartisan Policy Center, USASpending.gov, Clean Investment Monitor from Rhodium Group and MIT's Center for Energy and Environmental Policy Research. View complete methodology at [CEBN.org/State-of-Clean-Energy](http://CEBN.org/State-of-Clean-Energy).