

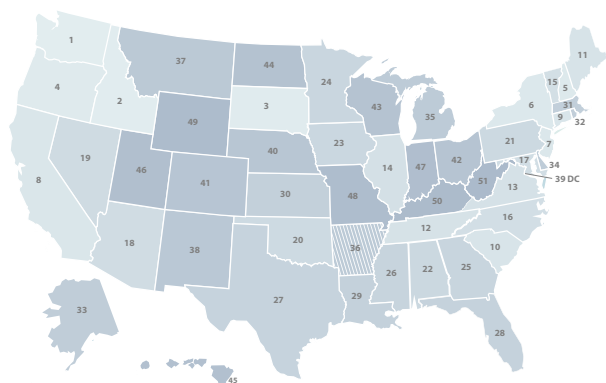
HOW DOES ARKANSAS STACK UP ON CLEAN ENERGY?



DATA AS OF 2021

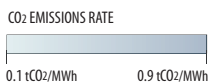


LOWEST CO₂ EMISSIONS RATE

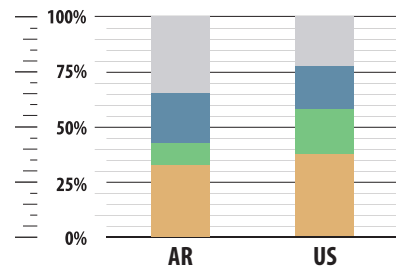


#36

0.49 tCO₂/MWh



ELECTRICITY SOURCES



coal / other nuclear renewables natural gas



CLEAN ENERGY JOBS

#35

22,882 (2021)



Growth/recovery since 2020 totaled 683 jobs (3.1%).



CLEAN ENERGY RANKINGS

#33

ENERGY EFFICIENCY SCORE = 14



#28

34% GENERATION FROM NATURAL GAS



#34

10% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#36

11 MW (2021)

NEW BUILD



#39

1,873 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR ARKANSAS



\$4.5 MILLION Total Department of Energy funding in FY21

\$3.4 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21

\$1.1 MILLION Office of Science grants in FY21

\$9.1 MILLION Advanced Research Projects Agency-Energy grants since FY2009

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

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

#40 **100** JOBS SUPPORTED

#41 **\$8** MILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

NANOMATRONIX (FAYATTVILLE, AR) | NanoMatronix.com

NANOMATRONIX
BIOTECHNOLOGY | MICROELECTRONICS | NANOTECHNOLOGY

With support from the Department of Energy's Small Business Innovation Research (SBIR) program, Nanomatronix uses nanotechnology, microelectronics, and biotechnology to provide solutions to the energy, healthcare, and defense industries.