HOW DOES ARKANSAS STACK UP ON CLEAN ENERGY?

LOWEST CO₂ EMISSIONS RATE

ELECTRICITY SOURCES

#36
0.52 tCO₂/MWh

CO₂ EMISSIONS RATE

0.1 tCO₂/MWh 0.9 tCO₂/MWh

AR US

other renewables natural gas

CLEAN ENERGY JOBS

#34
24,866 (2019)

COVID-19 job losses totaled at least 2,602 March-August 2020 (cumulative).

CLEAN ENERGY RANKINGS

#33
ENERGY EFFICIENCY SCORE = 14

#25
33% GENERATION FROM NATURAL GAS

#36
7% GENERATION FROM RENEWABLES

RENEWABLE ELECTRICITY CAPACITY

#41
13 MW (2019)

NEW BUILD

#38
1,723 MW

CUMULATIVE

DATA: COLOR SHADING ON ALL INFOGRAPHICS INDICATES PERCENTILE AMONG 50 U.S. STATES AND THE DISTRICT OF COLUMBIA. CLEAN ENERGY INDUSTRIES INCLUDED ARE ENERGY EFFICIENCY, RENEWABLE ENERGY, NATURAL GAS, STORAGE, AND ADVANCED GRID TECHNOLOGIES. SOURCES: BLOOMBERG NEW ENERGY FINANCE, BW RESEARCH, ENERGY INFORMATION ADMINISTRATION, AND AMERICAN COUNCIL FOR AN ENERGY-EFFICIENT ECONOMY. COVID-19 2020 JOB LOSS CALCULATIONS BY BW RESEARCH DO NOT INCLUDE NATURAL GAS SECTOR AND DO INCLUDE ADDITIONAL DATA ON CLEAN VEHICLES, SO ARE NOT PERFECTLY ANALOGOUS WITH 2019 JOB DATA.
**ENERGY INNOVATION IN A 21ST CENTURY ECONOMY**

**WHAT ENERGY INNOVATION MEANS FOR ARKANSAS**

- **$3.4 MILLION** Office of Energy Efficiency and Renewable Energy Grants in FY19
- **$3.9 MILLION** Office of Science grants in FY19
- **$16 MILLION** State and Indian energy programs, environmental cleanup, and other routine activities in FY19
- **$8.4 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)**

- **#40 100 JOBS SUPPORTED**
- **#41 $8 MILLION CONTRIBUTED TO GDP**

**BUSINESS SPOTLIGHT**

NANOMATRONIX (FAYETTVILLE, AR) | www.NanoMatronix.com

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.

**SOURCES:** BIPARTISAN POLICY CENTER, USASpending.gov, ARPA-E, BREAKTHROUGH ENERGY