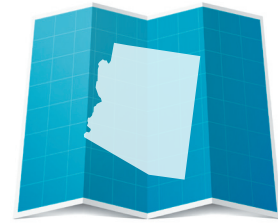


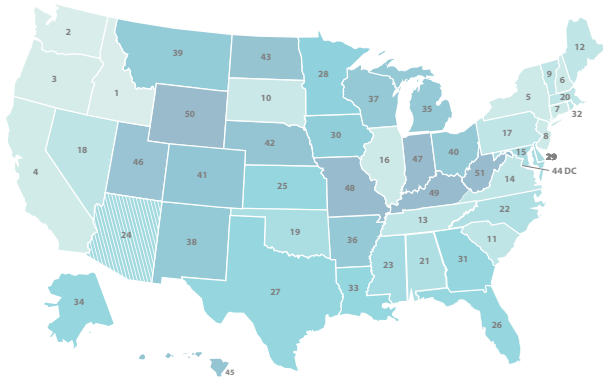
HOW DOES ARIZONA STACK UP ON CLEAN ENERGY?



DATA AS OF 2019

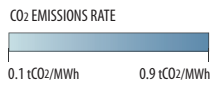


LOWEST CO₂ EMISSIONS RATE

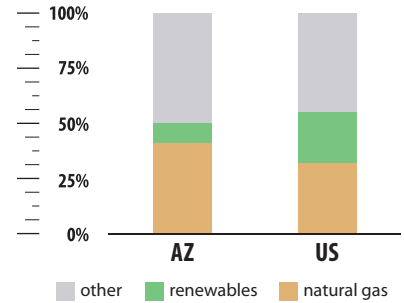


#24

0.39 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#19



67,563 (2019)

COVID-19 job losses totaled at least 7,495 March-August 2020 (cumulative).



CLEAN ENERGY RANKINGS

#19

ENERGY EFFICIENCY SCORE = 21.5



#18

39% GENERATION FROM NATURAL GAS



#29

11% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#35

NEW BUILD



40 MW (2019)

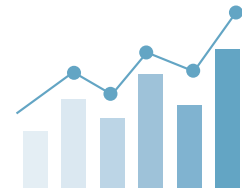
#10

CUMULATIVE



6,599 MW

ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR ARIZONA



\$17.9 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY19

\$10.5 MILLION Office of Science grants in FY19

\$114.9 MILLION State and Indian energy programs, environmental cleanup, and other routine activities in FY19

\$58.6 MILLION Advanced Research Projects Agency-Energy grants since FY2009

18 GRANTS By ARPA-E since 2009

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

#35 **180** JOBS SUPPORTED

#35 **\$18** MILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

TECTONICUS CONSTRUCTS (TUCSON, AZ) | www.Tectonicus.com

T E C T O N I C U S

Tectonicus Constructs is building software to plan the development of solar photovoltaic systems over canals and waterways. The firm's product could open solar to a virtually untapped marketplace in rural America. The Department of Energy's Small Business Innovation Research (SBIR) program has supported development of the platform, which is now poised for commercialization.