

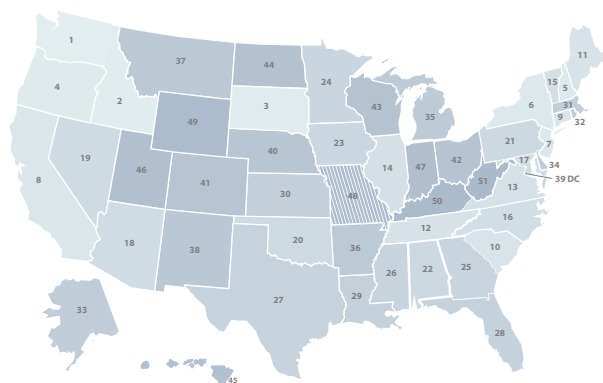
HOW DOES MISSOURI STACK UP ON CLEAN ENERGY?



DATA AS OF 2021

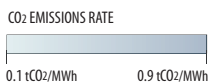


LOWEST CO₂ EMISSIONS RATE

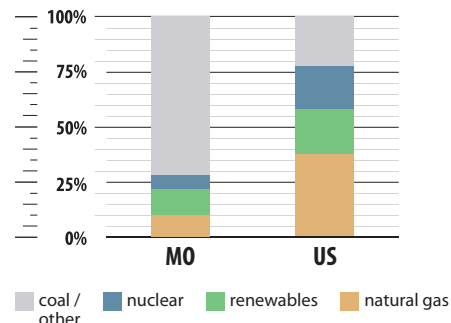


#48

0.78 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#24

50,548 (2021)



Growth/recovery since 2020 totaled 1,014 jobs (2%).



CLEAN ENERGY RANKINGS

#33

ENERGY EFFICIENCY SCORE = 14



#42

10% GENERATION FROM NATURAL GAS



#32

11% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#27

262 MW (2021)

NEW BUILD



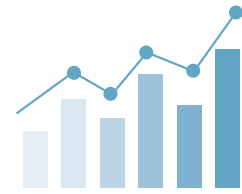
#30

3,485 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR MISSOURI



\$32.1 MILLION Total Department of Energy funding in FY21

\$17.1 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21

\$12.7 MILLION Office of Science grants in FY21

\$45.2 MILLION Advanced Research Projects Agency-Energy grants since FY2009

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

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

#23 540 JOBS SUPPORTED

#25 \$52 MILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

QM POWER, INC (KANSAS CITY, MO) | QmPower.com



With support from the Department of Energy, QM Power, Inc. develops innovative electric motors for various applications, including commercial refrigeration and HVAC equipment. One of these products includes an innovative controller that eliminates the need for AC-DC conversion for certain motors used in commercial refrigeration, vastly improving efficiency.