

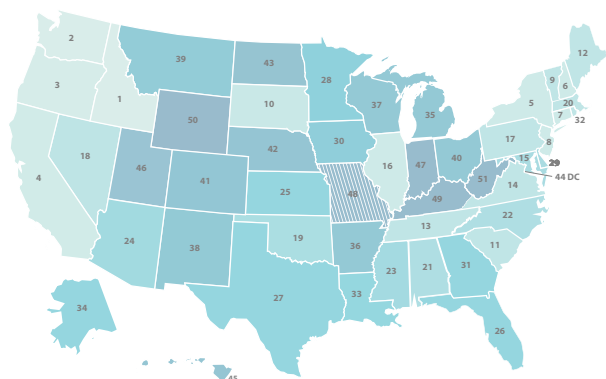
# HOW DOES MISSOURI STACK UP ON CLEAN ENERGY?



DATA AS OF 2019



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

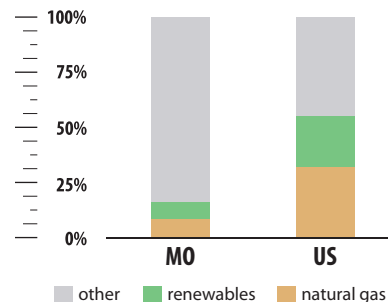


# #48

0.76 tCO<sub>2</sub>/MWh



## ELECTRICITY SOURCES



## CLEAN ENERGY JOBS

# #25



55,839 (2019)

COVID-19 job losses totaled at least 7,606 March-August 2020 (cumulative).



## CLEAN ENERGY RANKINGS

# #30

ENERGY EFFICIENCY SCORE = 14.5



# #43

10% GENERATION FROM NATURAL GAS



# #41

6% GENERATION FROM RENEWABLES



## RENEWABLE ELECTRICITY CAPACITY

# #17

NEW BUILD



242 MW (2019)

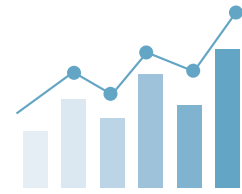
# #35

CUMULATIVE



1,989 MW

# ENERGY INNOVATION IN A 21<sup>ST</sup> CENTURY ECONOMY



## WHAT ENERGY INNOVATION MEANS FOR MISSOURI



**\$10.5 MILLION** Office of Energy Efficiency and Renewable Energy Grants in FY19

**\$12.2 MILLION** Office of Science grants in FY19

**\$854 MILLION** State and Indian energy programs, environmental cleanup, and other routine activities in FY19

**\$40.3 MILLION** Advanced Research Projects Agency-Energy grants since FY2009

**10 GRANTS** By ARPA-E since 2009

## 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) | [www.QmPower.com](http://www.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.