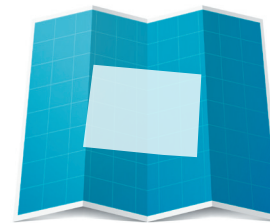


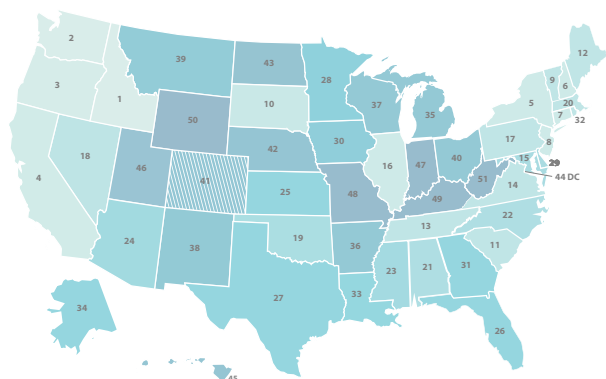
# HOW DOES COLORADO STACK UP ON CLEAN ENERGY?



DATA AS OF 2019



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

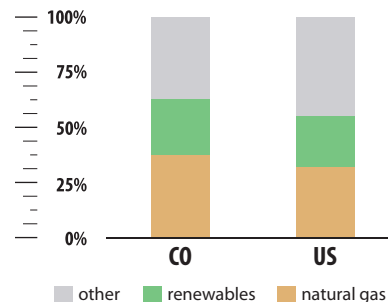


# #41

0.60 tCO<sub>2</sub>/MWh



## ELECTRICITY SOURCES



## CLEAN ENERGY JOBS

# #17

78,852 (2019)



COVID-19 job losses totaled at least 5,426 March-August 2020 (cumulative).



## CLEAN ENERGY RANKINGS

# #14

ENERGY EFFICIENCY SCORE = 27



# #28

31% GENERATION FROM NATURAL GAS



# #18

25% GENERATION FROM RENEWABLES



## RENEWABLE ELECTRICITY CAPACITY

# #20

211 MW (2019)

NEW BUILD



# #12

5,908 MW

CUMULATIVE



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



## WHAT ENERGY INNOVATION MEANS FOR COLORADO



**\$22.4 MILLION** Office of Energy Efficiency and Renewable Energy Grants in FY19

**\$49.1 MILLION** Office of Science grants in FY19

**\$1.1 TRILLION** State and Indian energy programs, environmental cleanup, and other routine activities in FY19

**\$128.6 MILLION** Advanced Research Projects Agency-Energy grants since FY2009

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

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

**#6 5,670 JOBS SUPPORTED**

**#7 \$630 MILLION CONTRIBUTED TO GDP**

## BUSINESS SPOTLIGHT

AIR SQUARED GROUP (BROOMFIELD, CO) | <https://AirSquared.com>



Air Squared has received funding from the Department of Energy, Advanced Research Projects Agency-Energy, and the National Science Foundation to develop highly-engineered oil-free scroll solutions that draw a vacuum, and compress air or other gases. The company's technology has been used in fuel cells, waste heat recovery, nuclear fusion applications, and most recently, onboard the Perseverance Rover to Mars.