

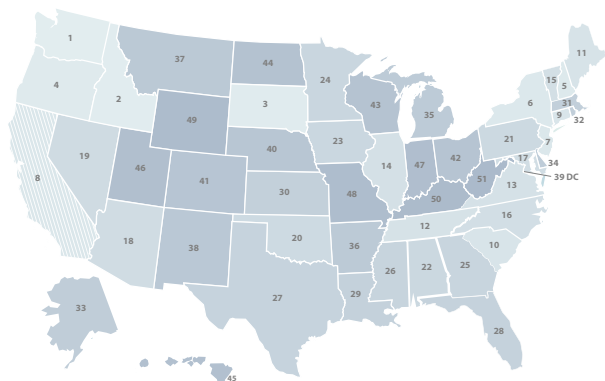
# HOW DOES CALIFORNIA STACK UP ON CLEAN ENERGY?



DATA AS OF 2021

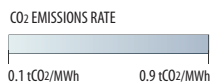


## LOWEST CO<sub>2</sub> EMISSIONS RATE

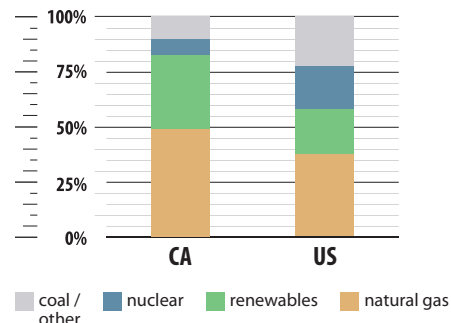


# #8

0.23 tCO<sub>2</sub>/MWh



## ELECTRICITY SOURCES



## CLEAN ENERGY JOBS

# #1

501,027 (2021)



Growth/recovery since 2020 totaled 9,028 jobs (1.8%).



## CLEAN ENERGY RANKINGS

# #1

ENERGY EFFICIENCY SCORE = 43



# #16

48% GENERATION FROM NATURAL GAS



# #13

33% GENERATION FROM RENEWABLES



## RENEWABLE ELECTRICITY CAPACITY

# #2

2064 MW (2021)

NEW BUILD



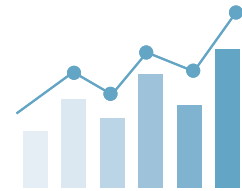
# #2

49,357 MW

CUMULATIVE



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



## WHAT ENERGY INNOVATION MEANS FOR CALIFORNIA



**\$606.8 MILLION** Total Department of Energy funding in FY21

**\$160.4 MILLION** Office of Energy Efficiency and Renewable Energy Grants in FY21

**\$283 MILLION** Office of Science grants in FY21

**\$579.5 MILLION** Advanced Research Projects Agency-Energy grants since FY2009

**1061 AWARDS** DOE Small Business Innovation Research (SBIR) since 2012

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

**#1 23,520 JOBS SUPPORTED**

**#1 \$3.5 BILLION CONTRIBUTED TO GDP**

## BUSINESS SPOTLIGHT

CAPSTONE GREEN ENERGY (VAN NUYS, CA) | [CapstoneGreenEnergy.com](http://CapstoneGreenEnergy.com)



Capstone Green Energy Corporation is a leading provider of customized microgrid solutions and on-site energy technology systems focused on helping customers around the globe meet their carbon reduction, energy savings and resiliency goals. Capstone continues to partner with the Department of Energy and national labs on R&D, most recently focusing on hydrogen fuel capabilities.