

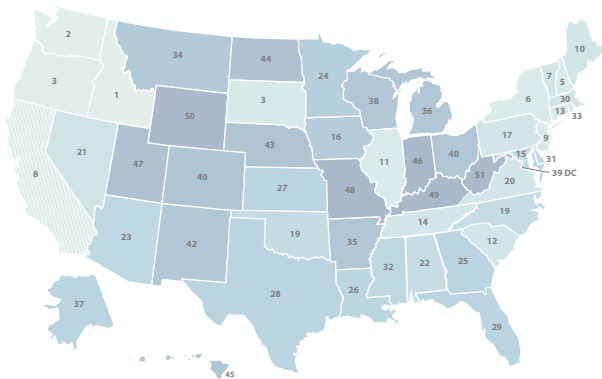
HOW DOES CALIFORNIA STACK UP ON CLEAN ENERGY?



DATA AS OF 2020



LOWEST CO₂ EMISSIONS RATE



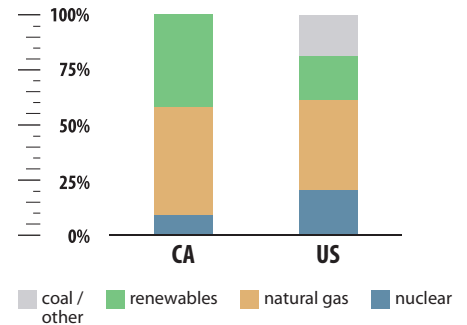
#8

0.22 tCO₂/MWh

CO₂ EMISSIONS RATE
0.1 tCO₂/MWh 0.9 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#1

491,999
(2020)



COVID-19 job losses totaled at least 71,615
March-December 2020 (cumulative).



CLEAN ENERGY RANKINGS

#1

ENERGY EFFICIENCY
SCORE = 43



#16

48% GENERATION FROM
NATURAL GAS



#10

43% GENERATION FROM
RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#2

2396 MW
(2020)

NEW BUILD



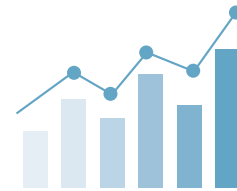
#1

47,347 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR CALIFORNIA



\$128.4 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY20

\$288.5 MILLION Office of Science grants in FY20

\$3.37 BILLION State and Indian energy programs, environmental cleanup, and other routine activities in FY20

\$522.4 MILLION Advanced Research Projects Agency-Energy grants since FY2009

202 GRANTS By ARPA-E since 2009

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 TURBINE CORPORATION (VAN NUYS, CA) | www.CapstoneTurbine.com



Capstone Turbine Corporation is a microturbine CHP manufacturer that has been awarded \$13M+ in Department of Energy funding to help develop its highly efficient and resilient combined heat and power (CHP) and microgrid solutions, which generate heat and electricity onsite from a single fuel source (usually natural gas).