

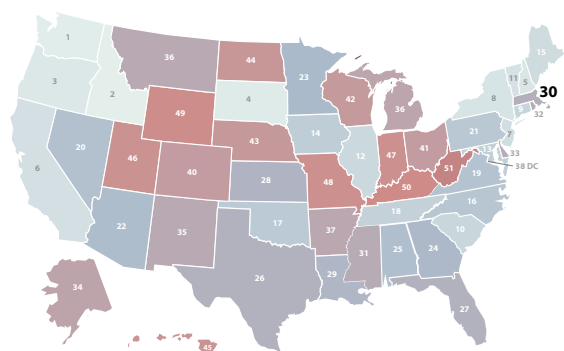
HOW DOES MASSACHUSETTS STACK UP ON CLEAN ENERGY?



DATA AS OF 2022

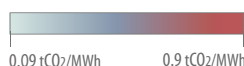


LOWEST CO₂ EMISSIONS RATE

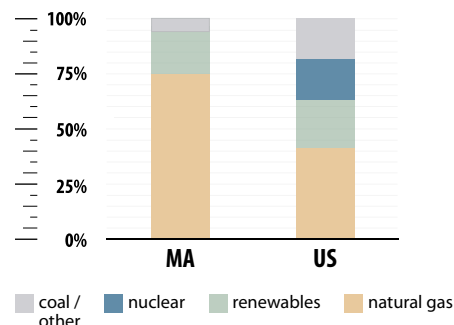


#30

0.40 tCO₂/MWh



ELECTRICITY SOURCES



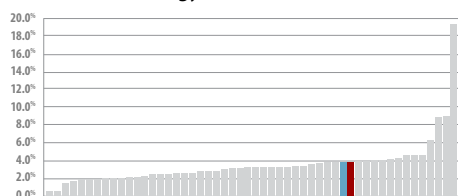
CLEAN ENERGY JOBS

#9

133,897
(2022)

486 JOBS ANNOUNCED
THROUGH NEW CLEAN ENERGY
PROJECTS SINCE THE INFLATION
REDUCTION ACT

Clean Energy Job Growth (2021-2022)



MA: 3.9%
U.S.: 3.9%

All states and U.S. total ranked from
lowest to highest % job growth



CLEAN ENERGY RANKINGS

#2

ENERGY EFFICIENCY
SCORE = 44.5



#5

74% GENERATION
FROM NATURAL GAS



#24

20% GENERATION
FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

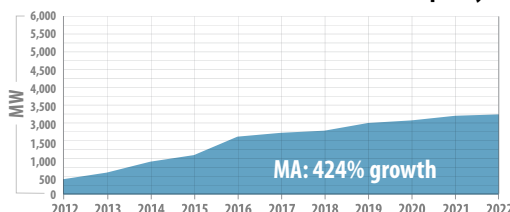
#30

CUMULATIVE BUILD
3,737 MW

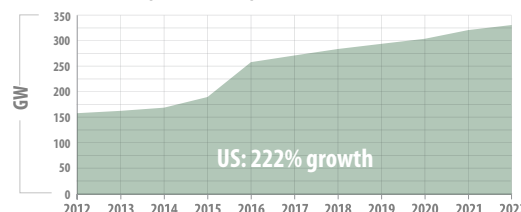
#37

NEW BUILD (2022)
37 MW

Growth in Capacity Over the Past Decade (2012-2022)

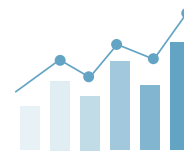


MA: 424% growth



US: 222% growth

INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT



WHAT ENERGY INNOVATION MEANS FOR MASSACHUSETTS



\$1.1 BILLION Total Department of Energy funding in FY22

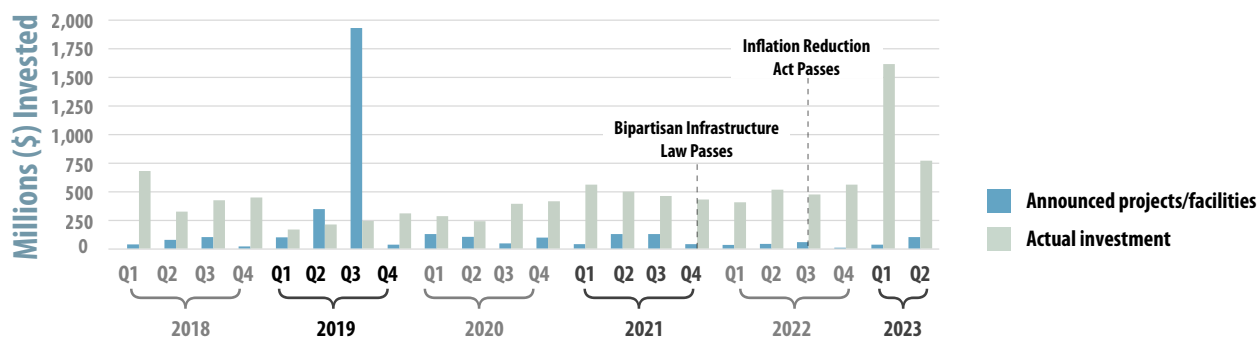
\$193.8 MILLION Office of Energy Efficiency and Renewable Energy grants in FY22

\$390.5 MILLION Advanced Research Projects Agency-Energy grants in FY22

\$737.7 MILLION Office of Science grants in FY22

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

CLEAN ENERGY INVESTMENT



BUSINESS SPOTLIGHT

ONBOARD DATA (SOMERVILLE, MA) | www.OnBoardData.io



Onboard

Onboard's AI software provides engineers and scientists standardized, useful data from their disparate building systems. It's never been easier to derive insights or visuals from your buildings using Onboard and its API. Onboard is the recipient of two SBIR Awards from the US Department of Energy for its AI application. Onboard serves the Fortune 500, Commercial Real Estate, Universities and Hospitals with its smart data pipeline, and is deployed in the U.S., U.K., and Canada.

SOURCES: Bipartisan Policy Center, USASpending.gov, Clean Investment Monitor from Rhodium Group and MIT's Center for Energy and Environmental Policy Research. View complete methodology at CEBN.org/State-of-Clean-Energy.