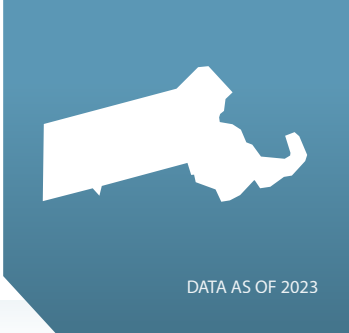


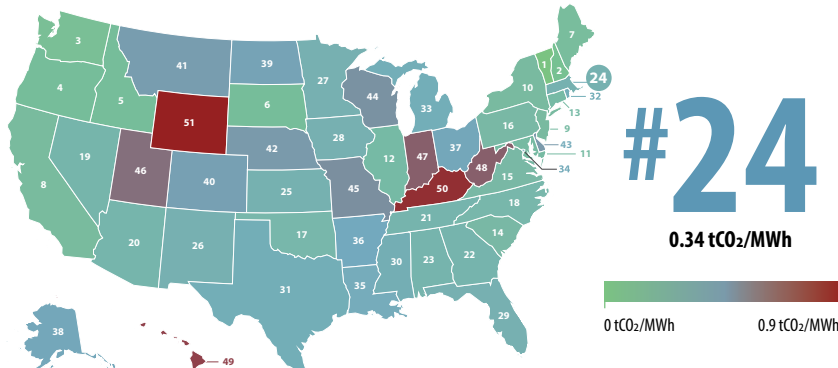
HOW DOES MASSACHUSETTS STACK UP ON CLEAN ENERGY?



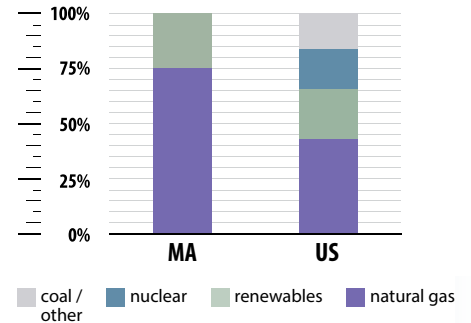
DATA AS OF 2023



Lowest CO₂ Emissions Rate



Electricity Sources

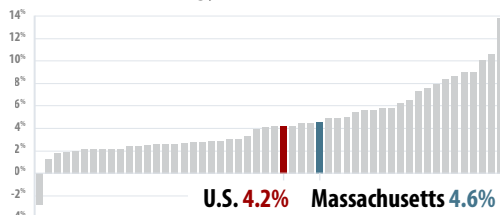


Clean Energy Jobs

#9

139,898
Clean Energy
Jobs

Clean Energy Job Growth (2022-2023)



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



Clean Energy Rankings

#2

ENERGY EFFICIENCY
SCORE = 44.5



#4

75% GENERATION
FROM NATURAL GAS



#21

25% GENERATION
FROM RENEWABLES



Renewable Electricity Capacity

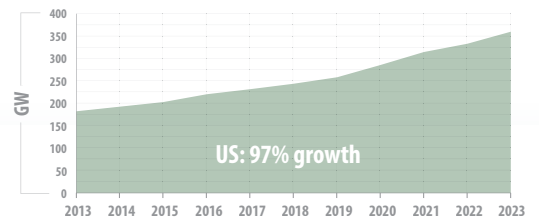
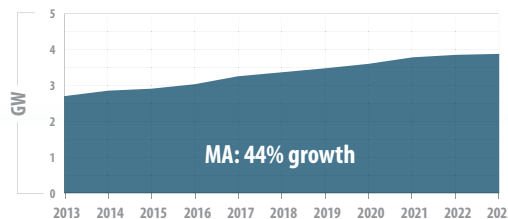
#39

NEW BUILD (2023)
24 MW

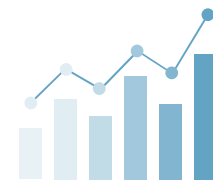
#30

CUMULATIVE BUILD
3,893 MW

Growth in Capacity Over the Past Decade (2013-2023)



INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT



WHAT ENERGY INNOVATION MEANS FOR MASSACHUSETTS



\$2.1 BILLION Total Department of Energy funding in FY23

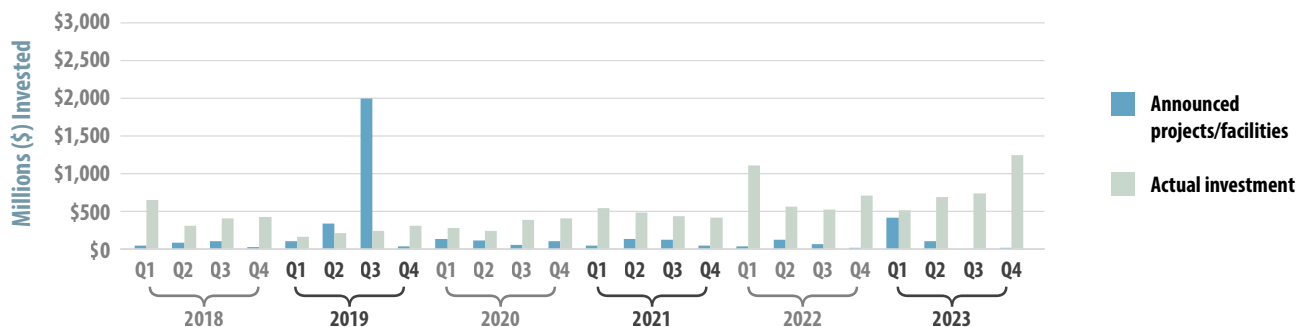
\$409 MILLION Office of Energy Efficiency and Renewable Energy grants in FY23

\$967 MILLION Office of Science grants in FY23

\$142 MILLION Advanced Research Projects Agency-Energy grants in FY23

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

CLEAN ENERGY INVESTMENT



BUSINESS SPOTLIGHT

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



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 U.S. 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.