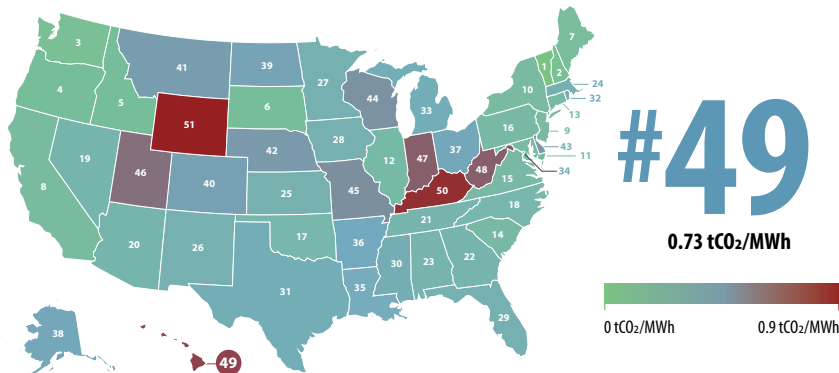


HOW DOES HAWAII STACK UP ON CLEAN ENERGY?

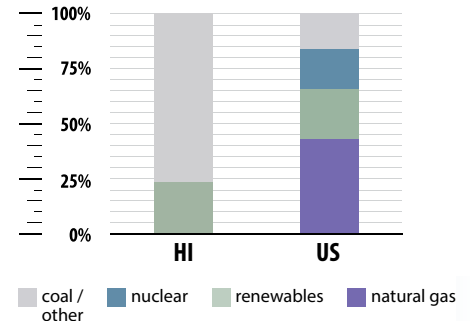
DATA AS OF 2023



Lowest CO₂ Emissions Rate



Electricity Sources

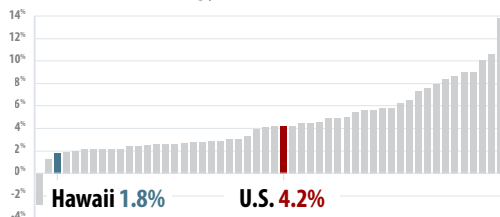


Clean Energy Jobs

#46

16,714
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

#17

ENERGY EFFICIENCY
SCORE = 23



#51

0% GENERATION
FROM NATURAL GAS



#23

23% GENERATION
FROM RENEWABLES



Renewable Electricity Capacity

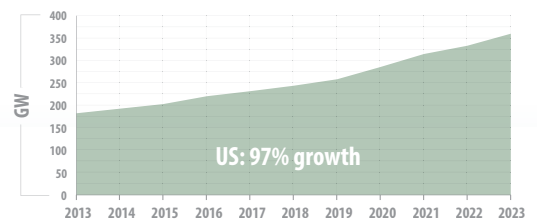
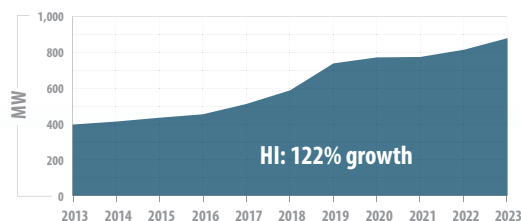
#36

NEW BUILD (2023)
66 MW

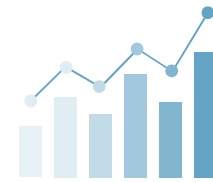
#44

CUMULATIVE BUILD
877 MW

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



INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT



WHAT ENERGY INNOVATION MEANS FOR HAWAII



\$211 MILLION Total Department of Energy funding in FY23

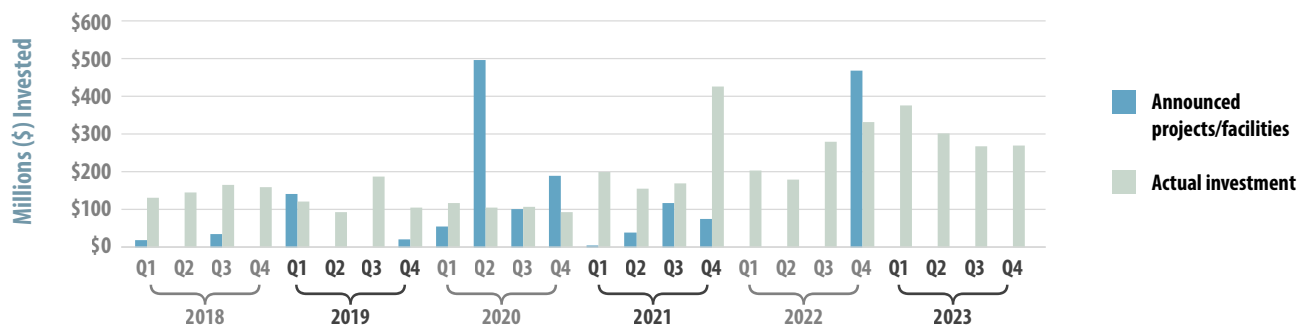
\$18.9 MILLION Office of Energy Efficiency and Renewable Energy grants in FY23

\$76.8 MILLION Office of Science grants in FY23

\$10 MILLION Advanced Research Projects Agency-Energy grants in FY23

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

CLEAN ENERGY INVESTMENT



BUSINESS SPOTLIGHT

MAKAI OCEAN ENGINEERING, INC (KAILUA, HI) | www.Makai.com



Makai Ocean Engineering, Inc. is an innovative ocean technology and engineering firm. Makai's core technical areas include submarine cables, ocean energy, marine pipelines, underwater vehicles, buoys, and communications systems. The company has received funding from the Departments of Energy, Commerce, and Defense to support this research.