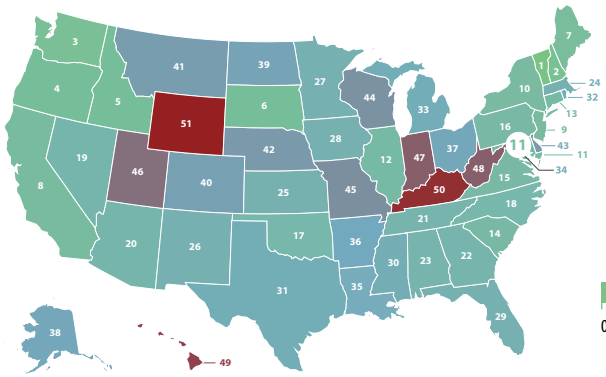
HOW DOES MARYLAND STACK UP ON CLEAN ENERGY?

DATA AS OF 2023

Lowest CO_2 Emissions Rate

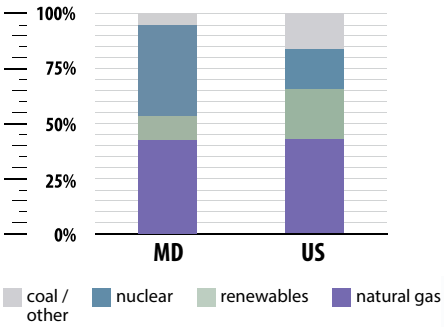


#11

0.23 tCO_2/MWh

0 tCO_2/MWh — 0.9 tCO_2/MWh

Electricity Sources

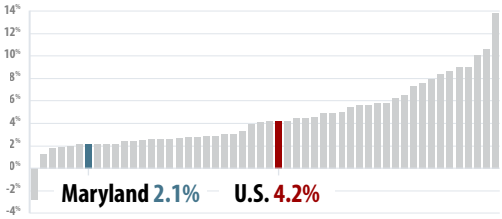


Clean Energy Jobs

#16

93,661
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

#7
ENERGY EFFICIENCY SCORE = 33

#24
43% GENERATION FROM NATURAL GAS

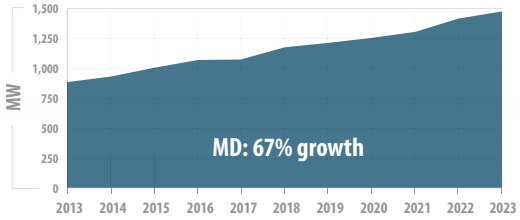
#35
11% GENERATION FROM RENEWABLES

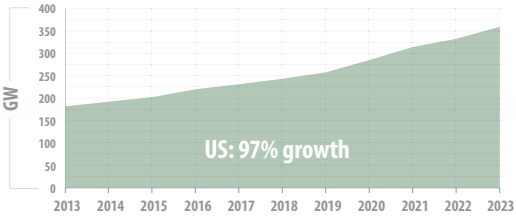
Renewable Electricity Capacity

#37
NEW BUILD (2023)
59 MW

#39
CUMULATIVE BUILD
1,482 MW

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





CLEAN ENERGY BUSINESS NETWORK

The Business Council for Sustainable Energy®

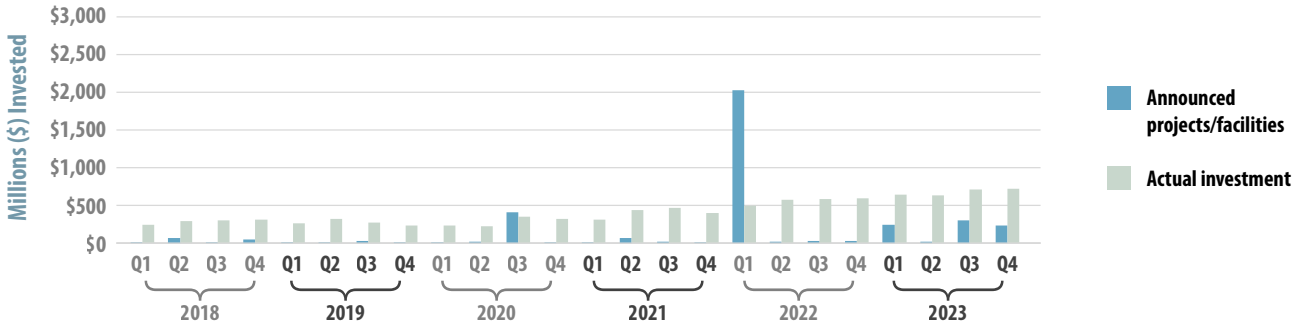
SOURCES: BloombergNEF, U.S. Energy & Employment Report (Department of Energy), Energy Information Administration (all as of 2023); American Council for an Energy-Efficiency Economy (as of 2022). Clean energy jobs include renewable, grid, storage, transmission and distribution, nuclear, and advanced vehicle technologies. Renewable energy capacity data include solar, wind, biomass/waste, geothermal, hydropower. See complete methodology at CEBN.org/State-of-Clean-Energy.

INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT

WHAT ENERGY INNOVATION MEANS FOR MARYLAND

- $2.8 BILLION Total Department of Energy funding in FY23
- $137 MILLION Office of Energy Efficiency and Renewable Energy grants in FY23
- $169 MILLION Office of Science grants in FY23
- $110 MILLION Advanced Research Projects Agency-Energy grants in FY23
- 146 AWARDS DOE Small Business Innovation Research (SBIR) since 2012

CLEAN ENERGY INVESTMENT



BUSINESS SPOTLIGHT

OTS R&D, INC (BELTSVILLE, MD) | www.OptimizedThermalSystems.com

OTS Research & Development

OTS R&D, Inc. formed in 2023, stemming from prior work conducted by Optimized Thermal Systems, Inc. The company provides technical expertise to help companies design, test and refine HVAC&R technologies to maximize their efficiency and minimize their impact on the environment. OTS R&D was recently awarded a project with the Department of Energy to explore the use of vapor injection compressors, which have the potential to increase the performance of heat pump systems, especially for cold climate applications. Extensive work is also underway to evaluate the impact of different refrigerant selections, explore the integration of thermal storage systems, and optimize components for system level performance improvements.

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.