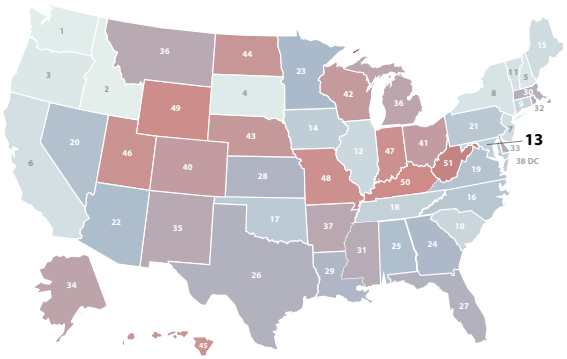
HOW DOES MARYLAND STACK UP ON CLEAN ENERGY?

DATA AS OF 2022

LOWEST CO_2 EMISSIONS RATE

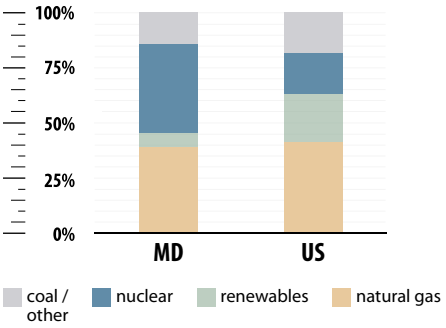


#13

0.29 tCO_2/MWh

0.09 tCO_2/MWh — 0.9 tCO_2/MWh

ELECTRICITY SOURCES



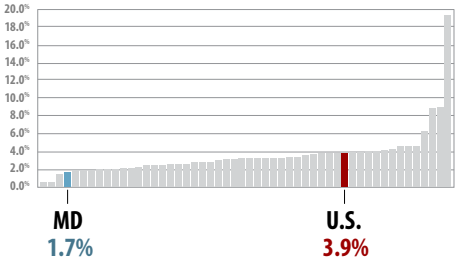
CLEAN ENERGY JOBS

#16

92,139 (2022)

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

Clean Energy Job Growth (2021-2022)



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

CLEAN ENERGY RANKINGS

#7

ENERGY EFFICIENCY SCORE = 33

#24

38% GENERATION FROM NATURAL GAS

#39

9% GENERATION FROM RENEWABLES

RENEWABLE ELECTRICITY CAPACITY

#39

CUMULATIVE BUILD

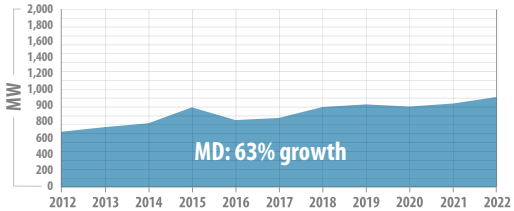
1,402 MW

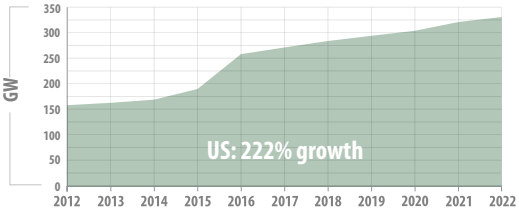
#30

NEW BUILD (2022)

93 MW

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





CLEAN ENERGY BUSINESS NETWORK

The Business Council for Sustainable Energy®

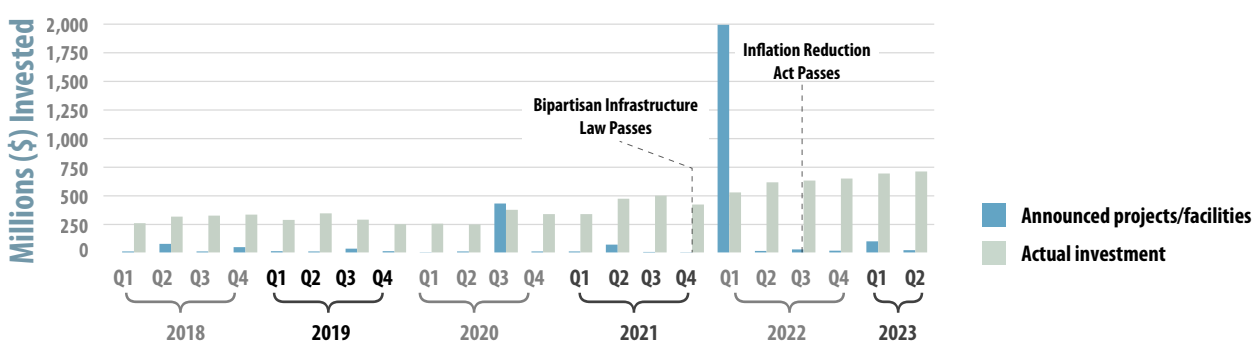
SOURCES: BloombergNEF, U.S. Energy & Employment Report (Department of Energy), Energy Information Administration, American Council for an Energy-Efficiency Economy (ACEEE), Climate Power. All data are as of 2022, except jobs since passage of Inflation Reduction Act (8.15.22-9.30.23). Clean energy jobs 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

- $682.3 MILLION Total Department of Energy funding in FY22
- $82.9 MILLION Office of Energy Efficiency and Renewable Energy grants in FY22
- $114.3 MILLION Advanced Research Projects Agency-Energy grants in FY22
- $181.1 MILLION Office of Science grants in FY22
- 136 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 technologies to maximize their efficiency and minimize their impact on the environment. OTS R&D completed its first project with the Environmental Protection Agency this year, exploring solutions for increasing refrigerant recovery, and will soon be starting a new 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.

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.