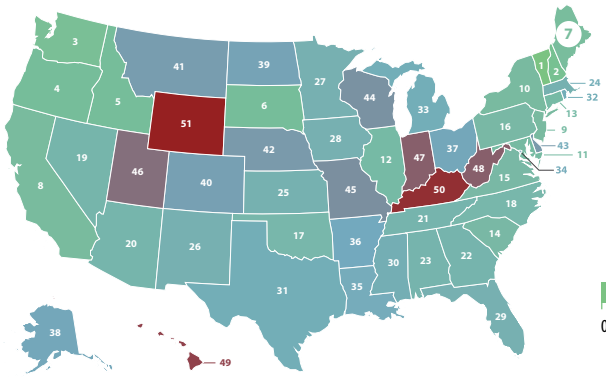
# HOW DOES MAINE STACK UP ON CLEAN ENERGY?


## Lowest $CO_2$ Emissions Rate

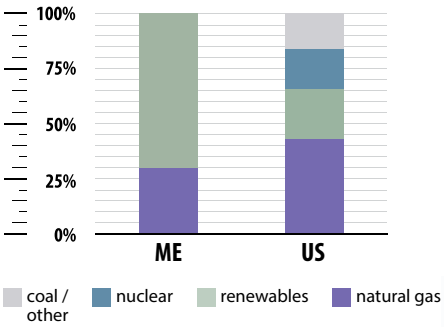


**#7**

**0.19 $tCO_2$/MWh**

0 $tCO_2$/MWh — 0.9 $tCO_2$/MWh

## Electricity Sources

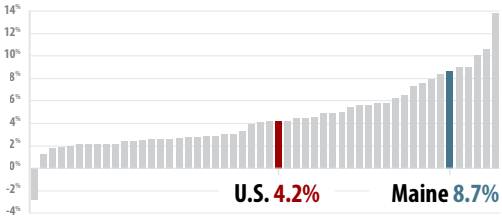



## Clean Energy Jobs

**#47**

**16,662**
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

**#5**
ENERGY EFFICIENCY SCORE = 35.5

**#33**
29% GENERATION FROM NATURAL GAS

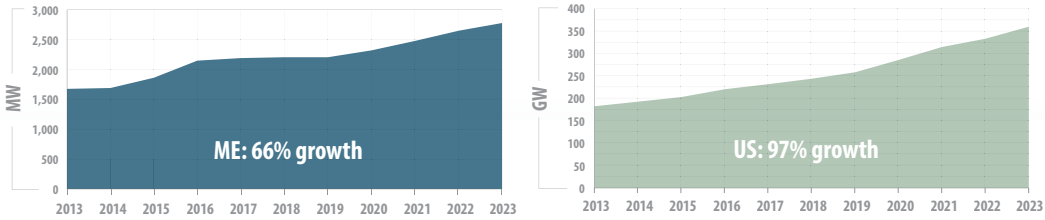
**#3**
70% GENERATION FROM RENEWABLES

## Renewable Electricity Capacity

**#30**
NEW BUILD (2023)
131 MW

**#35**
CUMULATIVE BUILD
2,779 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 MAINE

**$198 MILLION** Total Department of Energy funding in FY23

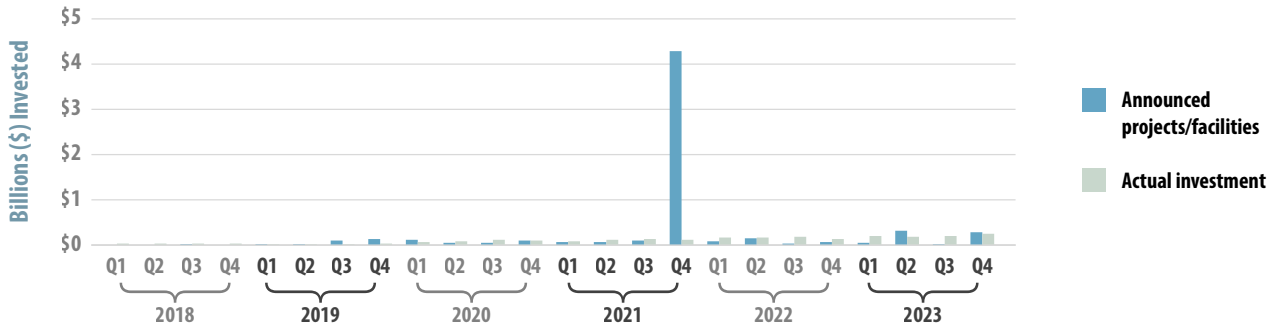
**$178 MILLION** Office of Energy Efficiency and Renewable Energy grants in FY23

**$6.3 MILLION** Office of Science grants in FY23

**$11.4 MILLION** Advanced Research Projects Agency-Energy grants in FY23

**16 AWARDS** DOE Small Business Innovation Research (SBIR) since 2012

## CLEAN ENERGY INVESTMENT




## BUSINESS SPOTLIGHT

### DYNAMIC GRID (PORTLAND, ME) | www.DynamicGrid.ai

DYNAMIC GRID

Dynamic Grid develops distributed grid management software. The company has received more than $3.5 million in grants from the Department of Energy and other federal agencies for research and development. One of these projects was to help small electric grids reallocate electricity resources based on price triggers. The firm is currently developing an advanced microgrid solution that will enable parts of the electric grid to break away from the broader grid at any level to create independent islands, improving security and reliability during power outages.

**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.