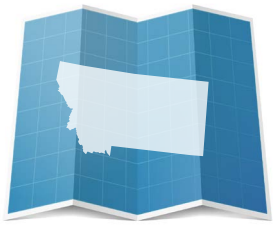
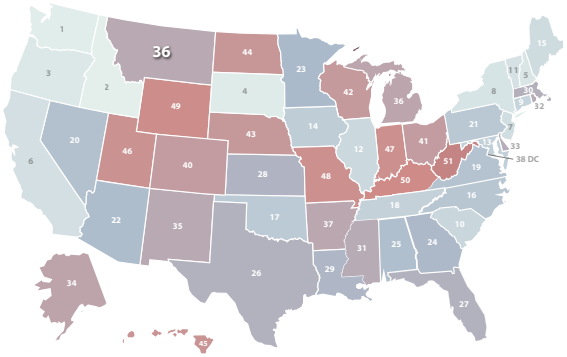
HOW DOES MONTANA STACK UP ON CLEAN ENERGY?



DATA AS OF 2022

LOWEST CO_2 EMISSIONS RATE

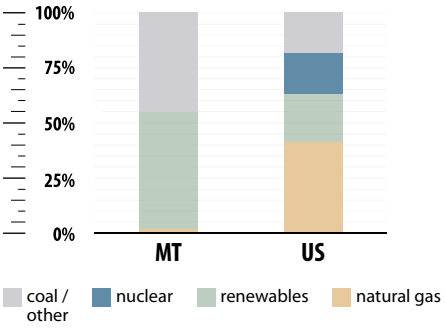


#36

0.48 tCO_2/MWh

0.09 tCO_2/MWh — 0.9 tCO_2/MWh

ELECTRICITY SOURCES



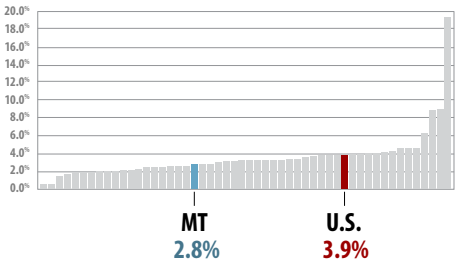
CLEAN ENERGY JOBS

#47

15,696 (2022)

8,285 OF THESE WORKERS IN ENERGY EFFICIENCY.

Clean Energy Job Growth (2021-2022)



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

CLEAN ENERGY RANKINGS

#29

ENERGY EFFICIENCY SCORE = 10

#49

2% GENERATION FROM NATURAL GAS

#8

53% GENERATION FROM RENEWABLES

RENEWABLE ELECTRICITY CAPACITY

#28

CUMULATIVE BUILD

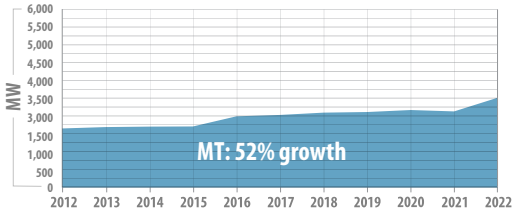
4,185 MW

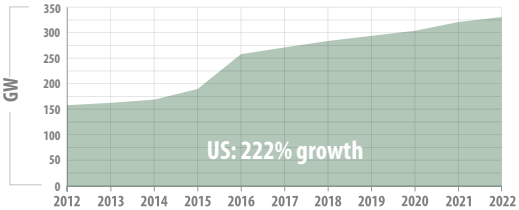
#10

NEW BUILD (2022)

378 MW

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





CLEAN ENERGY BUSINESS NETWORK

The Business Council for Sustainable Energy®

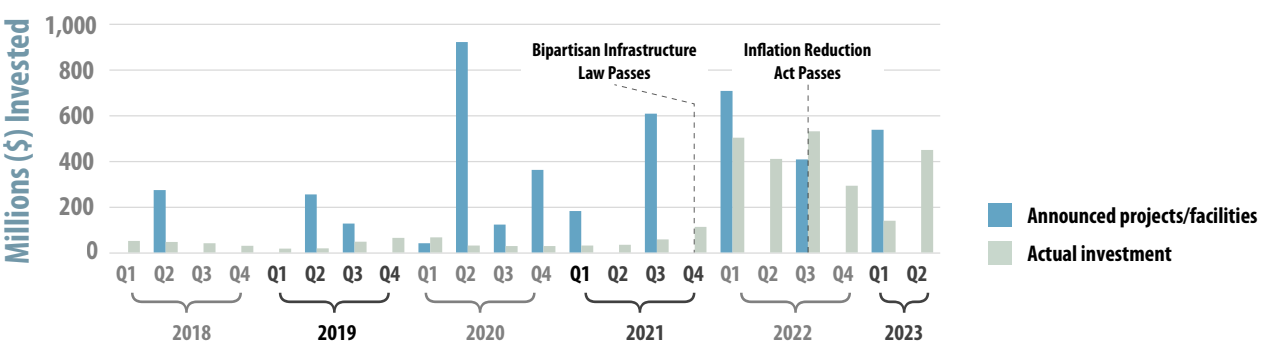
SOURCES: BloombergNEF, U.S. Energy & Employment Report (Department of Energy), Energy Information Administration, American Council for an Energy-Efficiency Economy (ACEEE), Climate Power. All data are as of 2022, except jobs since passage of Inflation Reduction Act (8.15.22-9.30.23). Clean energy jobs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

- $90.5 MILLION Total Department of Energy funding in FY22
- $22.9 MILLION Office of Energy Efficiency and Renewable Energy grants in FY22
- $11.9 MILLION Advanced Research Projects Agency-Energy grants in FY22
- $22.5 MILLION Office of Science grants in FY22
- 27 AWARDS DOE Small Business Innovation Research (SBIR) since 2012

CLEAN ENERGY INVESTMENT



BUSINESS SPOTLIGHT

BIOSQUEEZE INC (BUTTE, MT) | www.BioSqueeze.com

BioSqueeze SEALED WELL

BioSqueeze, Inc. has leveraged funding from the Department of Energy's Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs to successfully commercialize "BioSqueeze®," a novel biomineralization technology that uses bacteria to crystallize calcium carbonate to seal micro-fractures and fissures. This technology is used by the petroleum industry to seal leaking oil and gas wells and prevent the emission of greenhouse gases, and also has applications in other industries.

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.