

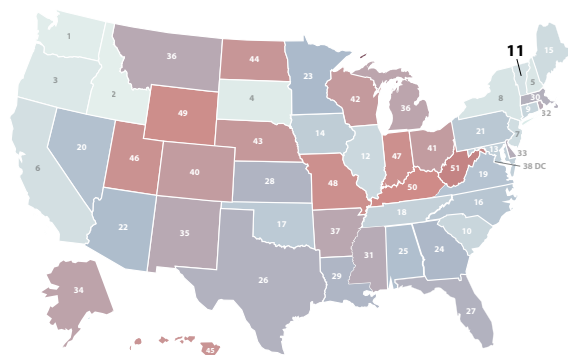
# HOW DOES VERMONT STACK UP ON CLEAN ENERGY?



DATA AS OF 2022



## LOWEST CO<sub>2</sub> EMISSIONS RATE

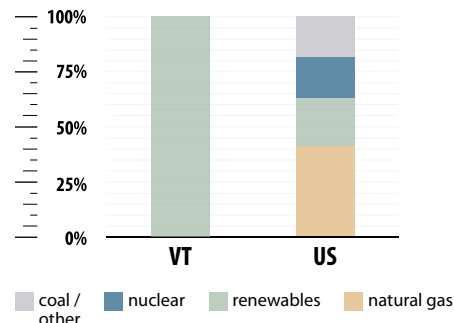


# #11

0.28 tCO<sub>2</sub>/MWh



## ELECTRICITY SOURCES



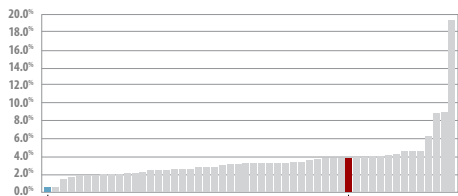
## CLEAN ENERGY JOBS

### Clean Energy Job Growth (2021-2022)

# #41

17,572 (2022)

1,771 OF THESE WORKERS IN SOLAR ENERGY



VT 0.6%

U.S. 3.9%

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



## CLEAN ENERGY RANKINGS

# #4

ENERGY EFFICIENCY SCORE = 36.5



# #50

0% GENERATION FROM NATURAL GAS



# #1

100% GENERATION FROM RENEWABLES



## RENEWABLE ELECTRICITY CAPACITY

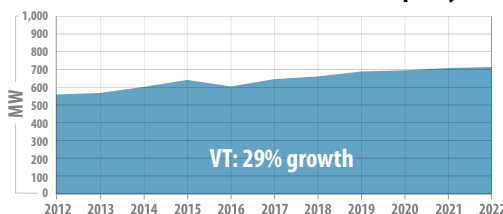
### Growth in Capacity Over the Past Decade (2012-2022)

# #45

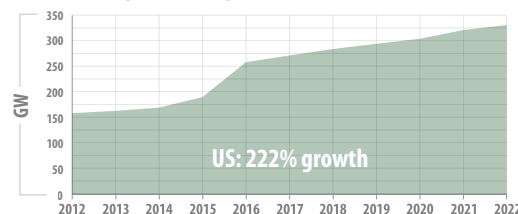
CUMULATIVE BUILD 711 MW

# #44

NEW BUILD (2022) 6 MW



VT: 29% growth

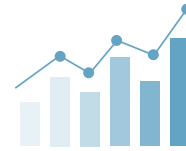


US: 222% growth



**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](https://cebn.org/State-of-Clean-Energy).

# INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT



## WHAT ENERGY INNOVATION MEANS FOR VERMONT



**\$27.1 MILLION** Total Department of Energy funding in FY22

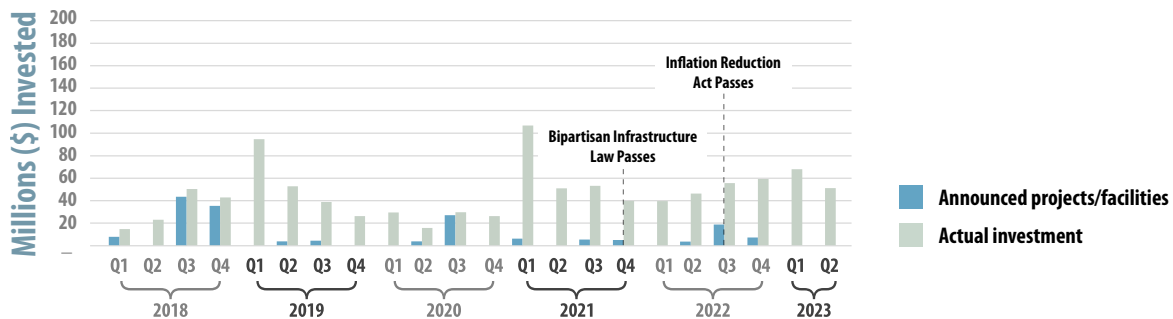
**\$11.8 MILLION** Office of Energy Efficiency and Renewable Energy grants in FY22

**\$7.4 MILLION** Advanced Research Projects Agency-Energy grants in FY22

**\$10.7 MILLION** Office of Science grants in FY22

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

## CLEAN ENERGY INVESTMENT



## BUSINESS SPOTLIGHT

**NORWICH SOLAR TECHNOLOGIES (WHITE RIVER JUNCTION, VT) | [www.NorwichSolar.com](http://www.NorwichSolar.com)**



Norwich Solar Technologies (NST) provides turnkey solar solutions to commercial properties throughout Vermont and New Hampshire. The firm also provides Solar Power Purchase Agreements (PPA) and land and rooftop leases. The company's most recent initiative, Community Impact Group, allows local investors to own community solar projects that expand participation to low-income residents, small non-profits, and start-up businesses. NST has received a number of grants from the Department of Energy.

**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](http://CEBN.org/State-of-Clean-Energy).