

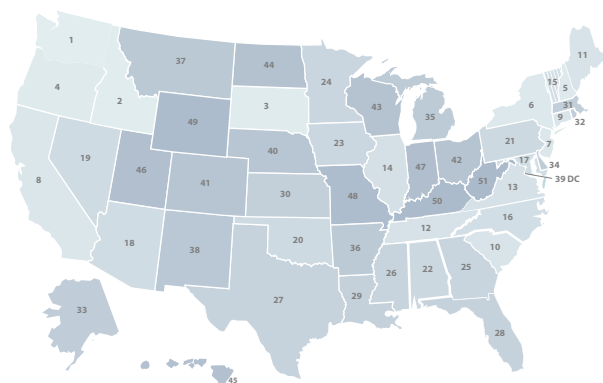
# HOW DOES VERMONT STACK UP ON CLEAN ENERGY?



DATA AS OF 2021

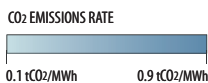


## LOWEST CO<sub>2</sub> EMISSIONS RATE

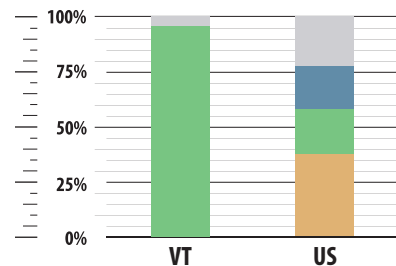


# #15

0.31 tCO<sub>2</sub>/MWh



## ELECTRICITY SOURCES



coal / other nuclear renewables natural gas



## CLEAN ENERGY JOBS

# #43

15,495 (2021)



Growth/recovery since 2020 totaled 144 jobs (0.7%).



## CLEAN ENERGY RANKINGS

# #3

ENERGY EFFICIENCY SCORE = 40



# #50

0% GENERATION FROM NATURAL GAS



# #1

96% GENERATION FROM RENEWABLES



## RENEWABLE ELECTRICITY CAPACITY

# #40

8 MW (2021)

### NEW BUILD



# #46

843 MW

### CUMULATIVE



# ENERGY INNOVATION IN A 21<sup>ST</sup> CENTURY ECONOMY



## WHAT ENERGY INNOVATION MEANS FOR VERMONT



**\$4.7 MILLION** Total Department of Energy funding in FY21

**\$3 MILLION** Office of Energy Efficiency and Renewable Energy Grants in FY21

**\$1.6 MILLION** Office of Science grants in FY21

**\$3.5 MILLION** Advanced Research Projects Agency-Energy grants since FY2009

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

## IMPACTS OF FEDERAL R&D IN ENERGY SECTOR (TOTAL, 2018)

**#46** **60** JOBS SUPPORTED

**#47** **\$5** MILLION CONTRIBUTED TO GDP

## BUSINESS SPOTLIGHT

**NORWICH SOLAR TECHNOLOGIES (WHITE RIVER JUNCTION, VT) | <https://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.