HOW DOES VERMONT STACK UP ON CLEAN ENERGY?

LOWEST CO₂ EMISSIONS RATE

ELECTRICITY SOURCES

0.25 tCO₂/MWh

CO₂ EMISSIONS RATE

#9

100%

75%

50%

25%

0%

VT

US

DATA: COLOR SHADING ON ALL INFOGRAPHICS INDICATES PERCENTILE AMONG 50 U.S. STATES AND THE DISTRICT OF COLUMBIA. CLEAN ENERGY INDUSTRIES INCLUDED ARE ENERGY EFFICIENCY, RENEWABLE ENERGY, NATURAL GAS, STORAGE, AND ADVANCED GRID TECHNOLOGIES. SOURCES: BLOOMBERG NEW ENERGY FINANCE, BW RESEARCH, ENERGY INFORMATION ADMINISTRATION, AND AMERICAN COUNCIL FOR AN ENERGY-EFFICIENT ECONOMY. COVID-19 2020 JOB LOSS CALCULATIONS BY BW RESEARCH DO NOT INCLUDE NATURAL GAS SECTOR AND DO INCLUDE ADDITIONAL DATA ON CLEAN VEHICLES, SO ARE NOT PERFECTLY ANALOGOUS WITH 2019 JOB DATA.
ENERGY INNOVATION IN A 21st CENTURY ECONOMY

WHAT ENERGY INNOVATION MEANS FOR VERMONT

- **$3.4 MILLION** Office of Energy Efficiency and Renewable Energy Grants in FY19
- **$1.1 MILLION** Office of Science grants in FY19
- **$1.8 BILLION** State and Indian energy programs, environmental cleanup, and other routine activities in FY19
- **$3.5 MILLION** Advanced Research Projects Agency-Energy grants since FY2009
- **1 GRANTS** By ARPA-E since 2009

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.

SOURCES: Bipartisan Policy Center, USASpending.gov, ARPA-E, Breakthrough Energy