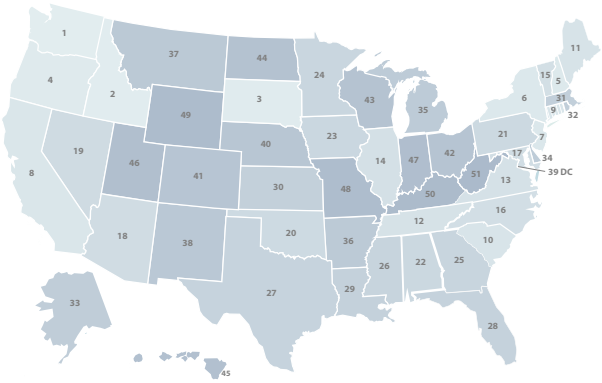
HOW DOES CONNECTICUT STACK UP ON CLEAN ENERGY?

DATA AS OF 2021

LOWEST CO_2 EMISSIONS RATE



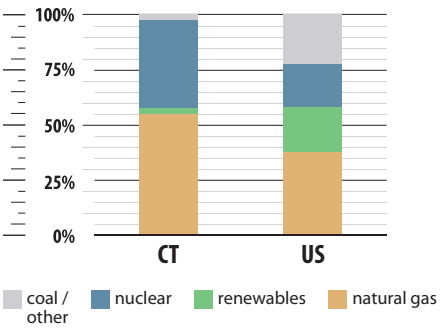
#9

0.25 tCO_2/MWh

CO_2 EMISSIONS RATE

0.1 tCO_2/MWh — 0.9 tCO_2/MWh

ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#29

40,076 (2021)

Growth/recovery since 2020 totaled 939 jobs (2.4%).

CLEAN ENERGY RANKINGS

#7

ENERGY EFFICIENCY SCORE = 34

#10

57% GENERATION FROM NATURAL GAS

#50

2% GENERATION FROM RENEWABLES

RENEWABLE ELECTRICITY CAPACITY

#31

105 MW (2021)

NEW BUILD

#43

1,080 MW

CUMULATIVE

CLEAN ENERGY BUSINESS NETWORK

The Business Council for Sustainable Energy®

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 (2021), AND AMERICAN COUNCIL FOR AN ENERGY-EFFICIENT ECONOMY (2020).

ENERGY INNOVATION IN A 21ST CENTURY ECONOMY

WHAT ENERGY INNOVATION MEANS FOR CONNECTICUT

- $42.3 MILLION Total Department of Energy funding in FY21
- $10.6 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21
- $9.9 MILLION Office of Science grants in FY21
- $150.2 MILLION Advanced Research Projects Agency-Energy grants since FY2009
- 84 AWARDS DOE Small Business Innovation Research (SBIR) since 2012

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

#32 240 JOBS SUPPORTED

#30 $32 MILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

FUELCELL ENERGY, INC (DANBURY, CT) | FuelCellEnergy.com

FuelCell Energy, Inc. is a global leader in delivering clean, efficient and affordable fuel cell solutions configured for the supply, recovery and storage of energy. The Department of Energy's Small Business Innovation Research (SBIR) program has provided nearly $10 million in support to help the company develop high-efficiency, fuel-flexible power generating solutions.

SOURCES: BIPARTISAN POLICY CENTER, USASPENDING.GOV, ARPA-E, BREAKTHROUGH ENERGY