

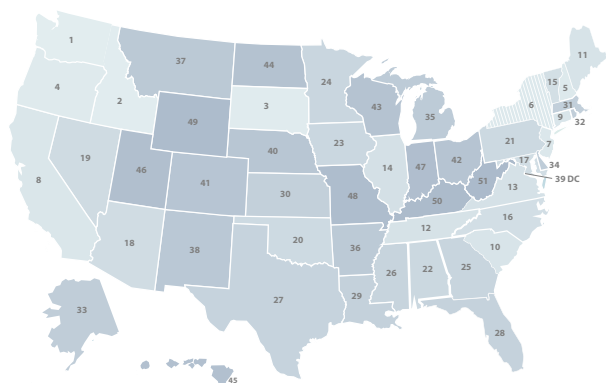
HOW DOES NEW YORK STACK UP ON CLEAN ENERGY?



DATA AS OF 2021

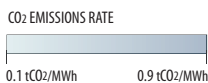


LOWEST CO₂ EMISSIONS RATE

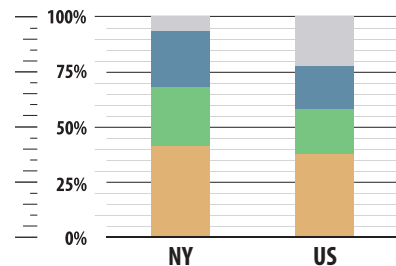


#6

0.22 tCO₂/MWh



ELECTRICITY SOURCES



coal / other nuclear renewables natural gas



CLEAN ENERGY JOBS

#4

163,759 (2021)



Growth/recovery since 2020 totaled 4,524 jobs (2.8%).



CLEAN ENERGY RANKINGS

#5

ENERGY EFFICIENCY SCORE = 37



#20

41% GENERATION FROM NATURAL GAS



#18

27% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#21

442 MW (2021)

NEW BUILD



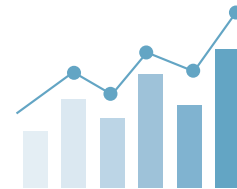
#7

9,794 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR NEW YORK



\$293.3 MILLION Total Department of Energy funding in FY21

\$82.1 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21

\$75.6 MILLION Office of Science grants in FY21

\$131.7 MILLION Advanced Research Projects Agency-Energy grants since FY2009

294 AWARDS DOE Small Business Innovation Research (SBIR) since 2012

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

#4 6,670 JOBS SUPPORTED

#4 \$940 MILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

BETTERGY (PEEKSKILL, NY) | www.Bettergy.com



Bettergy develops innovative energy and environmental technologies, including advanced battery technologies for energy storage and nanopore engineered membrane technologies for gas separation and energy storage. The company has received two ARPA-E awards and several other Department of Energy grants totaling more than \$4.5 million, which are supporting the development of a low-cost, carbon-neutral hydrogen refueling station technology and a membrane reactor system for carbon capture.