

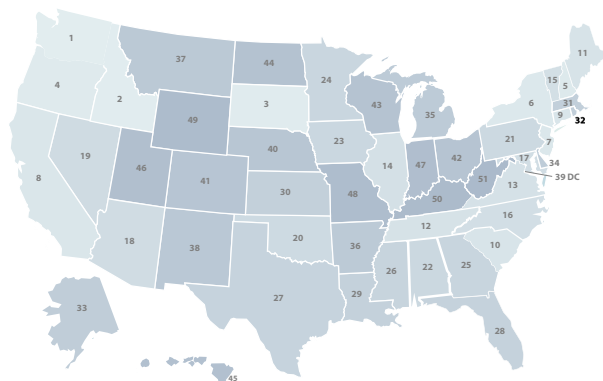
HOW DOES RHODE ISLAND STACK UP ON CLEAN ENERGY?



DATA AS OF 2021

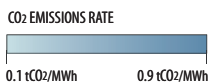


LOWEST CO₂ EMISSIONS RATE

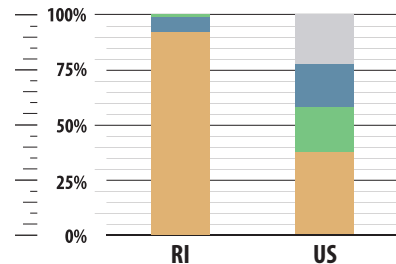


#32

0.41 tCO₂/MWh



ELECTRICITY SOURCES



coal / other nuclear renewables natural gas



CLEAN ENERGY JOBS

#45

14,428 (2021)



Growth/recovery since 2020 totaled 354 jobs (2.5%).



CLEAN ENERGY RANKINGS

#4

ENERGY EFFICIENCY SCORE = 40



#2

93% GENERATION FROM NATURAL GAS



#42

6% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#36

11 MW (2021)

NEW BUILD



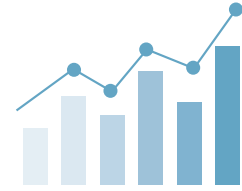
#49

384 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR RHODE ISLAND



\$9.1 MILLION Total Department of Energy funding in FY21

\$4 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21

\$5 MILLION Office of Science grants in FY21

\$7 MILLION Advanced Research Projects Agency-Energy grants since FY2009

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

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

#49 **20** JOBS SUPPORTED

#49 **\$2** MILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

LILAC SOLUTIONS (MIDDLETOWN, RI) | www.LilacSolutions.com



Lilac Solutions is transforming extraction of lithium, a critical component of batteries. With support from the Department of Energy, the company has developed unique ion exchange technology to boost lithium recovery, streamline operations, and unlock new resources.