

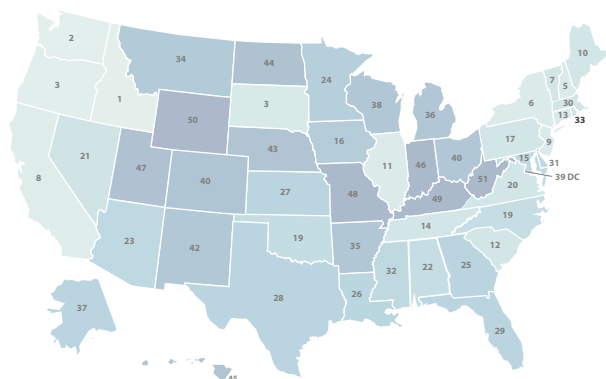
# HOW DOES RHODE ISLAND STACK UP ON CLEAN ENERGY?



DATA AS OF 2020

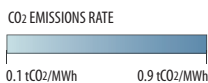


## LOWEST CO<sub>2</sub> EMISSIONS RATE

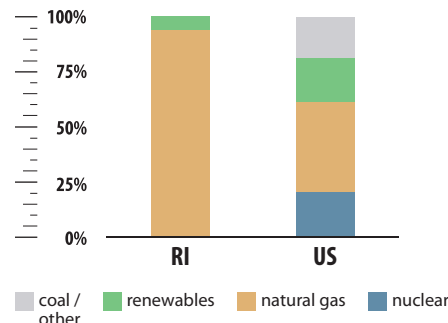


# #33

0.41 tCO<sub>2</sub>/MWh



## ELECTRICITY SOURCES



## CLEAN ENERGY JOBS

# #45

14,074 (2020)



COVID-19 job losses totaled at least 2,906 March-December 2020 (cumulative).



## CLEAN ENERGY RANKINGS

# #4

ENERGY EFFICIENCY SCORE = 40



# #2

92% GENERATION FROM NATURAL GAS



# #38

8% GENERATION FROM RENEWABLES



## RENEWABLE ELECTRICITY CAPACITY

# #38

55 MW (2020)

NEW BUILD



# #49

346 MW

CUMULATIVE



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



## WHAT ENERGY INNOVATION MEANS FOR RHODE ISLAND



**\$2.1 MILLION** Office of Energy Efficiency and Renewable Energy Grants in FY20

**\$6.3 MILLION** Office of Science grants in FY20

**\$4.8 MILLION** State and Indian energy programs, environmental cleanup, and other routine activities in FY20

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

**2 GRANTS** By ARPA-E since 2009

## 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](http://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.