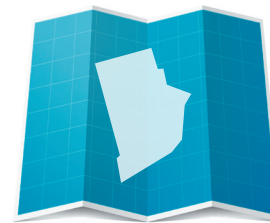


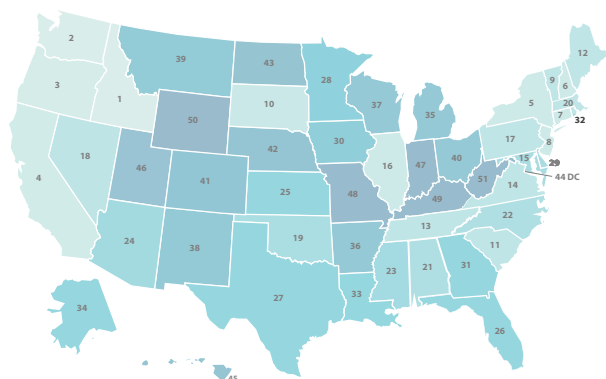
# HOW DOES RHODE ISLAND STACK UP ON CLEAN ENERGY?



DATA AS OF 2019



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

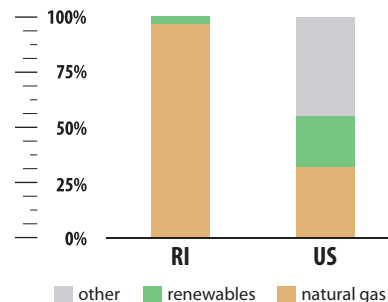


# #32

0.42 tCO<sub>2</sub>/MWh



## ELECTRICITY SOURCES



## CLEAN ENERGY JOBS

# #45

16,317 (2019)



COVID-19 job losses totaled at least 3,244 March-August 2020 (cumulative).



## CLEAN ENERGY RANKINGS

# #3

ENERGY EFFICIENCY SCORE = 40.5



# #2

94% GENERATION FROM NATURAL GAS



# #38

6% GENERATION FROM RENEWABLES



## RENEWABLE ELECTRICITY CAPACITY

# #31

58 MW (2019)

NEW BUILD



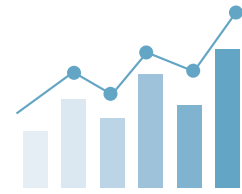
# #49

246 MW

CUMULATIVE



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



## WHAT ENERGY INNOVATION MEANS FOR RHODE ISLAND



**\$3.7 MILLION** Office of Energy Efficiency and Renewable Energy Grants in FY19

**\$4 MILLION** Office of Science grants in FY19

**\$3.6 MILLION** State and Indian energy programs, environmental cleanup, and other routine activities in FY19

**\$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.