

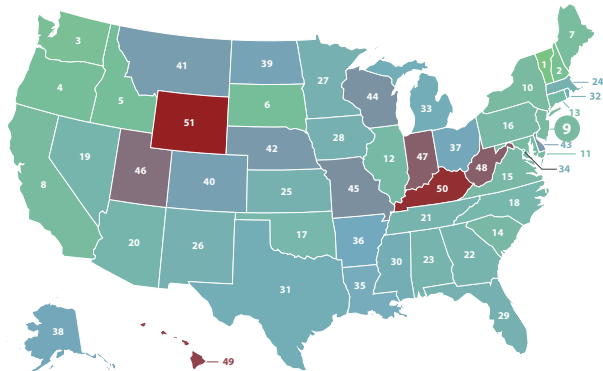
# HOW DOES NEW JERSEY STACK UP ON CLEAN ENERGY?



DATA AS OF 2023



## Lowest CO<sub>2</sub> Emissions Rate

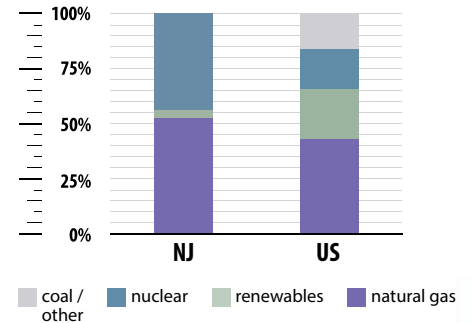


# #9

0.22 tCO<sub>2</sub>/MWh



## Electricity Sources

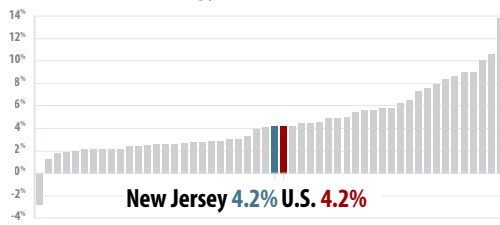


## Clean Energy Jobs

# #22

74,548  
Clean Energy  
Jobs

Clean Energy Job Growth (2022-2023)



New Jersey 4.2% U.S. 4.2%

All states and U.S. total ranked from lowest to highest % job growth



## Clean Energy Rankings

# #14

ENERGY EFFICIENCY  
SCORE = 28.5



# #14

52% GENERATION  
FROM NATURAL GAS



# #46

4% GENERATION  
FROM RENEWABLES



## Renewable Electricity Capacity

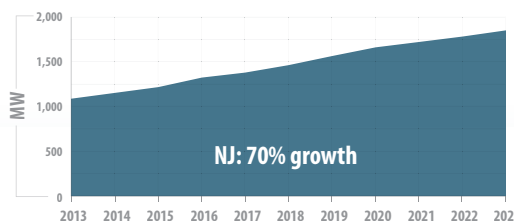
# #35

NEW BUILD (2023)  
69 MW

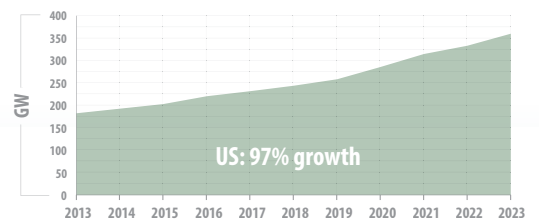
# #38

CUMULATIVE BUILD  
1,859 MW

Growth in Capacity Over the Past Decade (2013-2023)

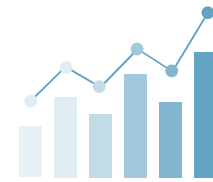


NJ: 70% growth



US: 97% growth

# INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT



## WHAT ENERGY INNOVATION MEANS FOR NEW JERSEY



**\$534 MILLION** Total Department of Energy funding in FY23

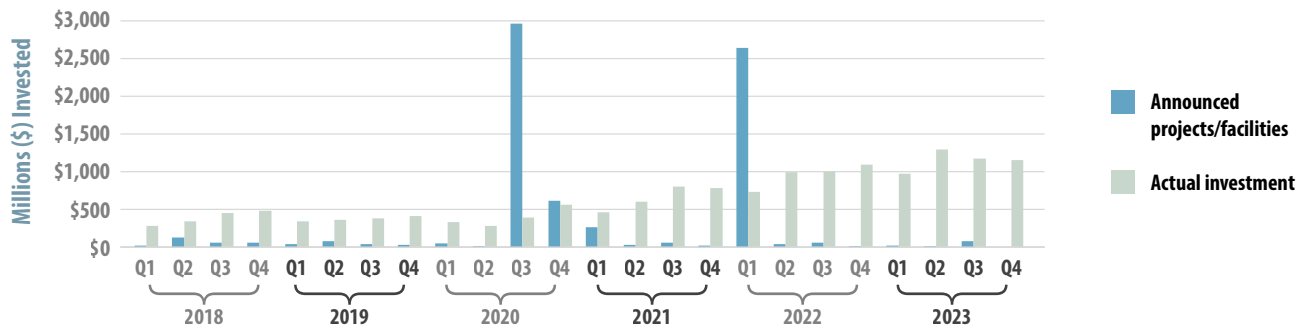
**\$118 MILLION** Office of Energy Efficiency and Renewable Energy grants in FY23

**\$256 MILLION** Office of Science grants in FY23

**\$30.8 MILLION** Advanced Research Projects Agency-Energy grants in FY23

**148 AWARDS** DOE Small Business Innovation Research (SBIR) since 2012

## CLEAN ENERGY INVESTMENT



## BUSINESS SPOTLIGHT

**EXELUS, INC (FAIRFIELD, NJ) | [www.ExelusInc.com](http://www.ExelusInc.com)**



Exelus is an advanced technology company that develops and licenses chemical processes to produce clean fuels and chemicals from multiple feedstocks. The company has received several grants from the Department of Energy's Small Business Innovation Research (SBIR) program, including one for a technology to develop a safer and cleaner alternative to hazardous catalysts currently used to produce high-octane gasoline components.