HOW DOES NEW JERSEY STACK UP ON CLEAN ENERGY?
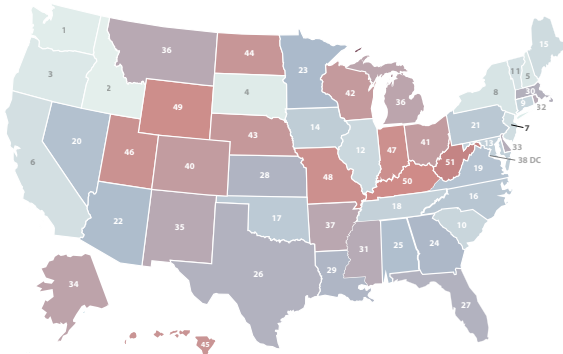
DATA AS OF 2022
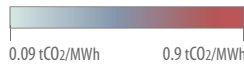
LOWEST CO₂ EMISSIONS RATE
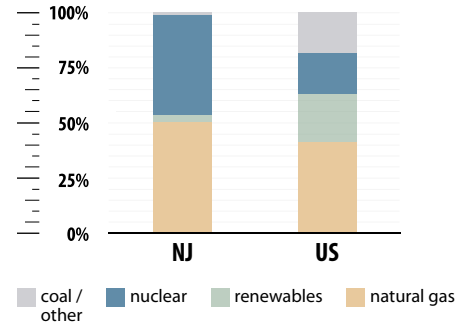

#7

0.22 tCO₂/MWh

0.09 tCO₂/MWh — 0.9 tCO₂/MWh

ELECTRICITY SOURCES

coal / other   ■ nuclear   ■ renewables   ■ natural gas

CLEAN ENERGY JOBS

#22

71,877 (2022)

200 JOBS ANNOUNCED THROUGH NEW CLEAN ENERGY PROJECTS SINCE THE INFLATION REDUCTION ACT

Clean Energy Job Growth (2021-2022)
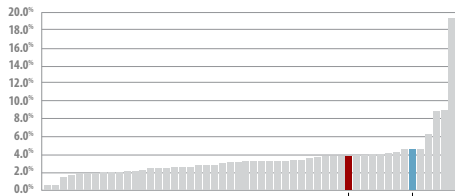
U.S. **3.9%**   NJ **4.6%**

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

CLEAN ENERGY RANKINGS

#14
ENERGY EFFICIENCY SCORE = 28.5

#11
51% GENERATION FROM NATURAL GAS

#47
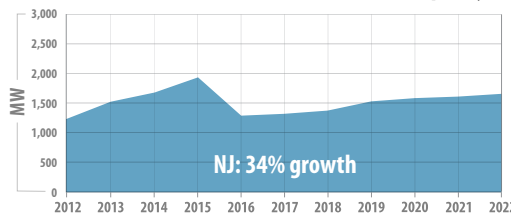**4% GENERATION FROM RENEWABLES**

RENEWABLE ELECTRICITY CAPACITY

#38
CUMULATIVE BUILD
1,751 MW

#38
NEW BUILD (2022)
29 MW
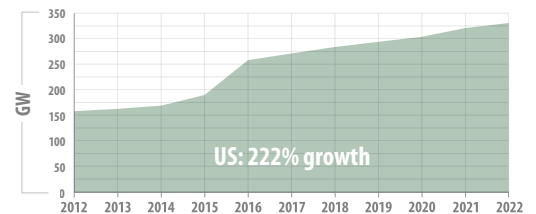
Growth in Capacity Over the Past Decade (2012-2022)

NJ: 34% growth

US: 222% growth

CLEAN ENERGY BUSINESS NETWORK

The Business Council for Sustainable Energy®

INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT
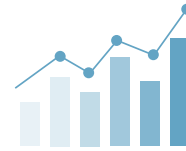
WHAT ENERGY INNOVATION MEANS FOR NEW JERSEY

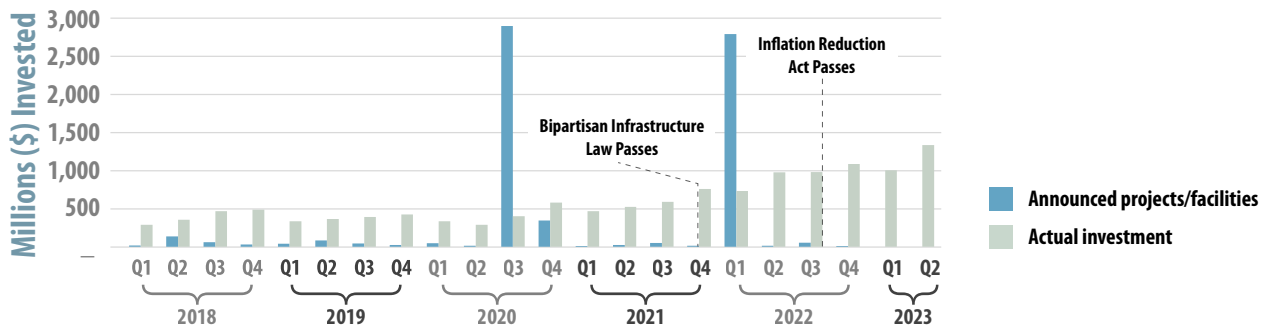**$342.6 MILLION** Total Department of Energy funding in FY22

$51.2 MILLION Office of Energy Efficiency and Renewable Energy grants in FY22

$65.9 MILLION Advanced Research Projects Agency-Energy grants in FY22

$176.6 MILLION Office of Science grants in FY22

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

CLEAN ENERGY INVESTMENT

Millions ($) Invested

Bipartisan Infrastructure Law Passes

Inflation Reduction Act Passes

3,000 | 2,500 | 2,000 | 1,500 | 1,000 | 500 | —

Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2
2018	2019	2020	2021	2022	2023

■ Announced projects/facilities
■ Actual investment

BUSINESS SPOTLIGHT

EXELUS, INC (FAIRFIELD, NJ) | www.Exelusinc.com

Exelus Cleaner-by-Design

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