

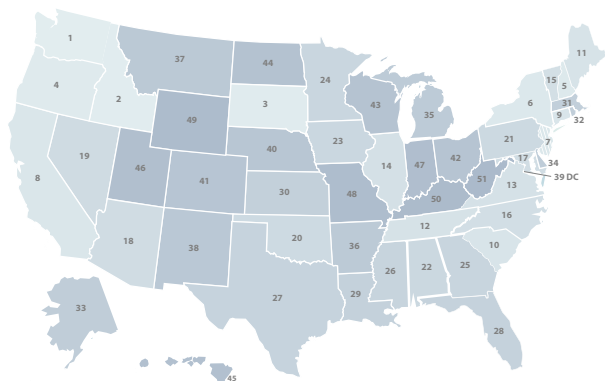
HOW DOES NEW JERSEY STACK UP ON CLEAN ENERGY?



DATA AS OF 2021

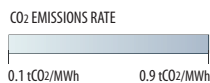


LOWEST CO₂ EMISSIONS RATE

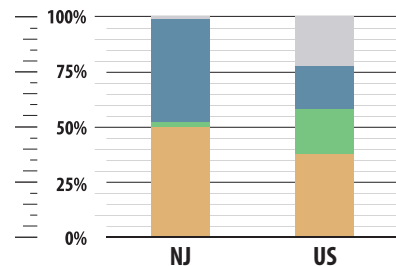


#7

0.22 tCO₂/MWh



ELECTRICITY SOURCES



coal / other nuclear renewables natural gas



CLEAN ENERGY JOBS

#20

60,039 (2021)



Growth/recovery since 2020 totaled 4,395 jobs (7.9%).



CLEAN ENERGY RANKINGS

#17

ENERGY EFFICIENCY SCORE = 25



#14

50% GENERATION FROM NATURAL GAS



#49

2% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#33

48 MW (2021)

NEW BUILD



#32

3,087 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR NEW JERSEY



\$43.6 MILLION Total Department of Energy funding in FY21

\$14.2 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21

\$26.3 MILLION Office of Science grants in FY21

\$36.8 MILLION Advanced Research Projects Agency-Energy grants since FY2009

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

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

#11 2,460 JOBS SUPPORTED

#10 \$328 MILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

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



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.