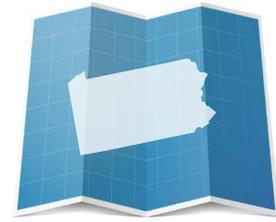


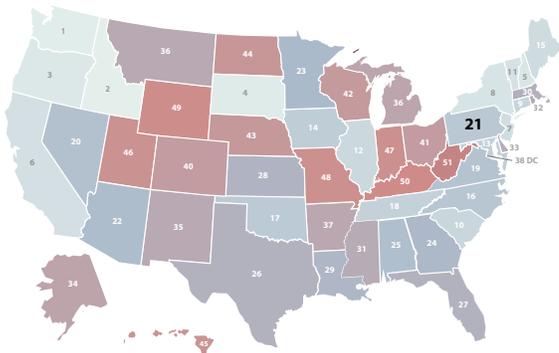
HOW DOES PENNSYLVANIA STACK UP ON CLEAN ENERGY?



DATA AS OF 2022



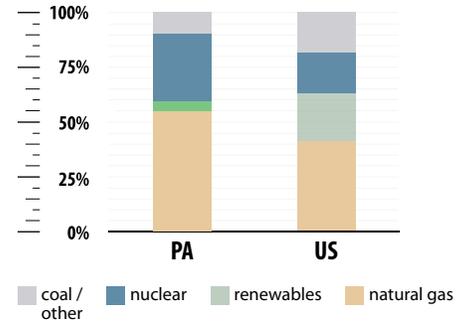
LOWEST CO₂ EMISSIONS RATE



#21
0.32 tCO₂/MWh



ELECTRICITY SOURCES



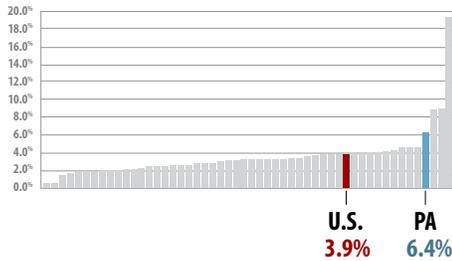
CLEAN ENERGY JOBS

#7

139,142 (2022)

1,157 JOBS ANNOUNCED THROUGH NEW CLEAN ENERGY PROJECTS SINCE THE INFLATION REDUCTION ACT

Clean Energy Job Growth (2021-2022)



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



CLEAN ENERGY RANKINGS

#21

ENERGY EFFICIENCY SCORE = 18.5



#10

55% GENERATION FROM NATURAL GAS



#48

4% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

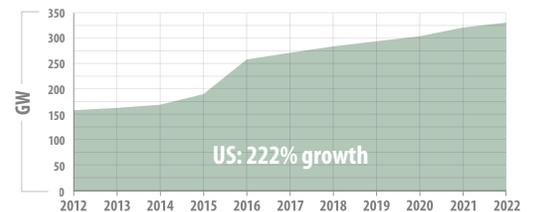
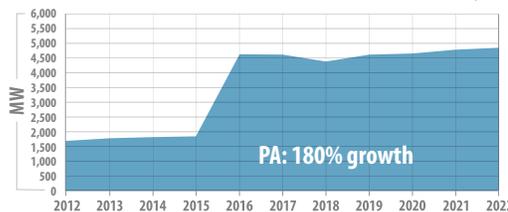
#23

CUMULATIVE BUILD 4,588 MW

#40

NEW BUILD (2022) 20 MW

Growth in Capacity Over the Past Decade (2012-2022)



SOURCES: BloombergNEF, U.S. Energy & Employment Report (Department of Energy), Energy Information Administration, American Council for an Energy-Efficiency Economy (ACEEE), Climate Power. All data are as of 2022, except jobs since passage of Inflation Reduction Act (8.15.22-9.30.23). Clean energy jobs include renewable, grid, storage, transmission and distribution, nuclear, and advanced vehicle technologies. Renewable energy capacity data include solar, wind, biomass/waste, geothermal, hydropower. See complete methodology at [CEBN.org/State-of-Clean-Energy](https://cebn.org/State-of-Clean-Energy).

INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT



WHAT ENERGY INNOVATION MEANS FOR PENNSYLVANIA



\$887.2 MILLION Total Department of Energy funding in FY22

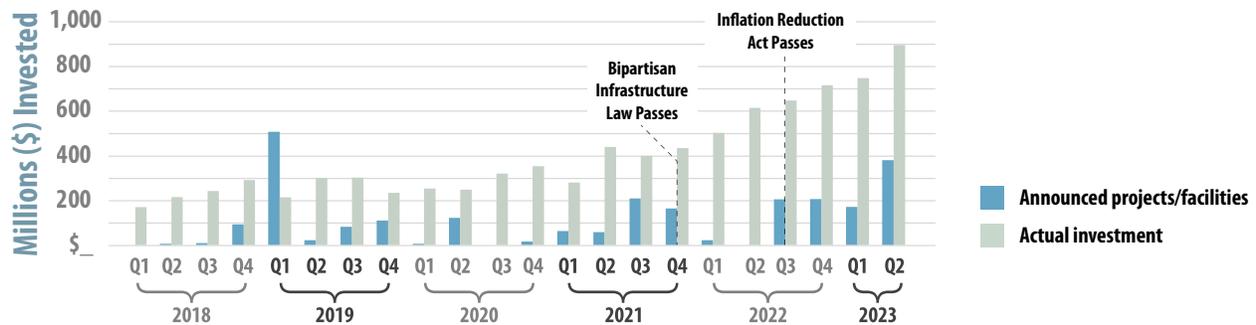
\$211.6 MILLION Office of Energy Efficiency and Renewable Energy grants in FY22

\$126.5 MILLION Advanced Research Projects Agency-Energy grants in FY22

\$393.3 MILLION Office of Science grants in FY22

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

CLEAN ENERGY INVESTMENT



BUSINESS SPOTLIGHT

COREPOWER MAGNETICS (PITTSBURGH, PA) | www.CorePowerMagnetics.com



CorePower Magnetics is driving magnetification forward by redefining the limits of magnetic solutions for EVs and the grid through advanced materials, manufacturing, and component design. CorePower's patented combination of state-of-the-art manufacturing processes and novel materials result in up to 10x reductions in weight, 5x reductions in volume and 50% reductions in losses with no rare earth metals required. The company has received five SBIR awards to develop its innovation from the Department of Energy and Department of Defense.

SOURCES: Bipartisan Policy Center, USASpending.gov, Clean Investment Monitor from Rhodium Group and MIT's Center for Energy and Environmental Policy Research. View complete methodology at CEBN.org/State-of-Clean-Energy.