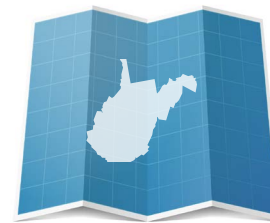


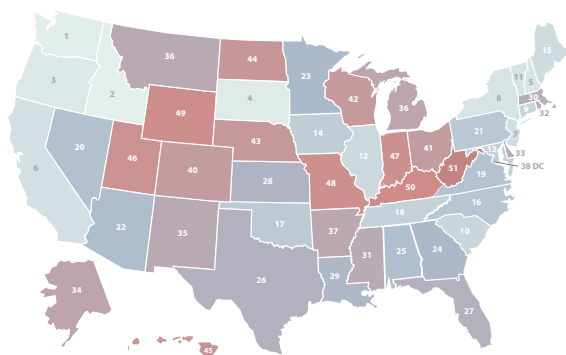
HOW DOES WEST VIRGINIA STACK UP ON CLEAN ENERGY?



DATA AS OF 2022



LOWEST CO₂ EMISSIONS RATE

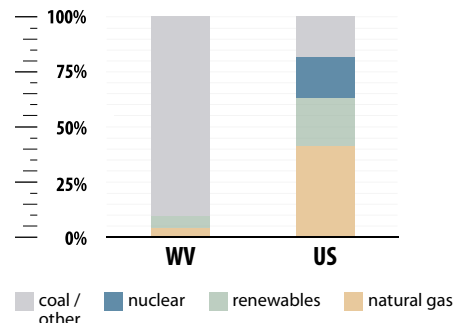


#51

0.90 tCO₂/MWh



ELECTRICITY SOURCES



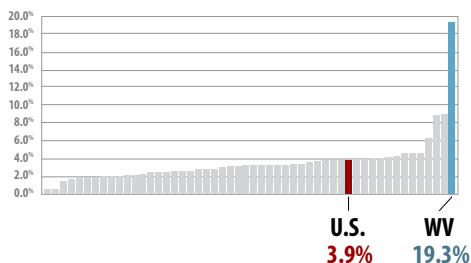
CLEAN ENERGY JOBS

Clean Energy Job Growth (2021-2022)

#32

43,331 (2022)

4,895 JOBS ANNOUNCED THROUGH NEW CLEAN ENERGY PROJECTS SINCE THE INFLATION REDUCTION ACT



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



CLEAN ENERGY RANKINGS

#44

ENERGY EFFICIENCY SCORE = 4



#45

4% GENERATION FROM NATURAL GAS



#43

6% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

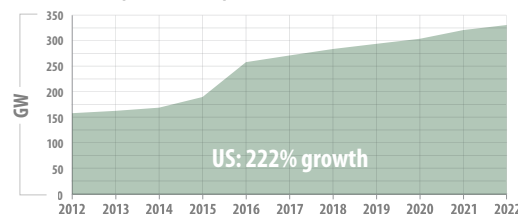
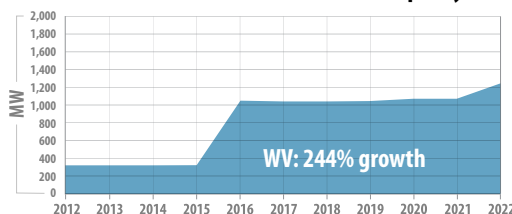
Growth in Capacity Over the Past Decade (2012-2022)

#41

CUMULATIVE BUILD 1,230 MW

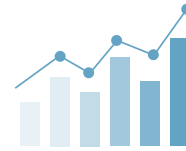
#26

NEW BUILD (2022) 115 MW



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://www.cebn.org/State-of-Clean-Energy).

INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT



WHAT ENERGY INNOVATION MEANS FOR WEST VIRGINIA



\$136 MILLION Total Department of Energy funding in FY22

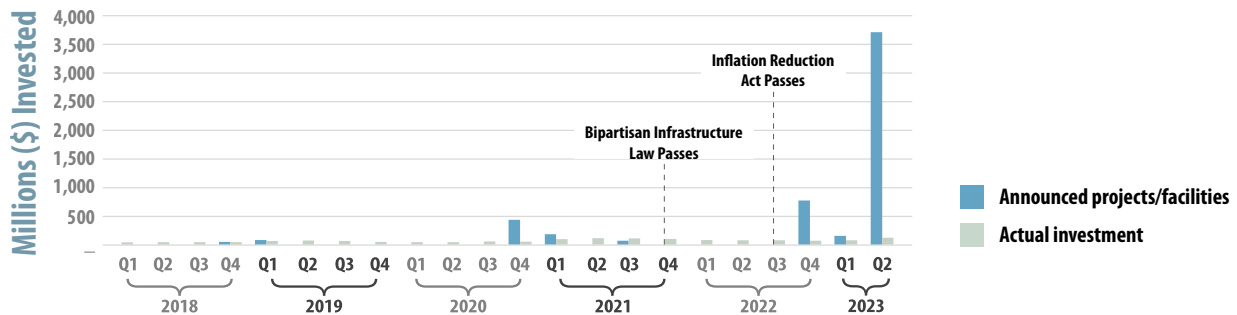
\$67.5 MILLION Office of Energy Efficiency and Renewable Energy grants in FY22

\$13.1 MILLION Advanced Research Projects Agency-Energy grants in FY22

\$11.4 MILLION Office of Science grants in FY22

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

CLEAN ENERGY INVESTMENT



BUSINESS SPOTLIGHT

TOUCHSTONE RESEARCH LABORATORY LTD (INC) (TRIADELPHIA, WV) | www.TRL.com



Touchstone Research Laboratory is a research and product development facility that has developed a range of lightweight, strong foam and metal alloy products with extensive defense and energy applications. Much of the laboratory's early research was supported by the Department of Energy, NASA, Department of Defense, and National Science Foundation. Today, Touchstone is a major defense contractor with several spin-off businesses.