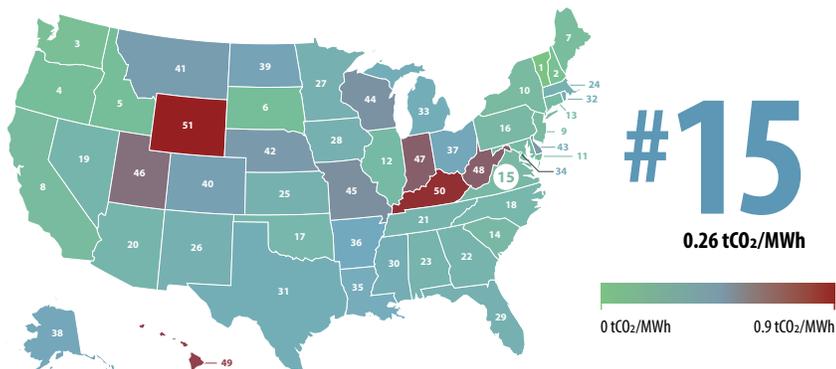


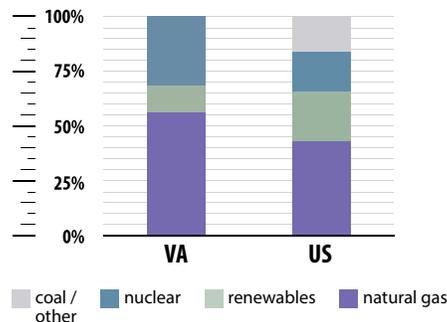
HOW DOES VIRGINIA STACK UP ON CLEAN ENERGY?



Lowest CO₂ Emissions Rate



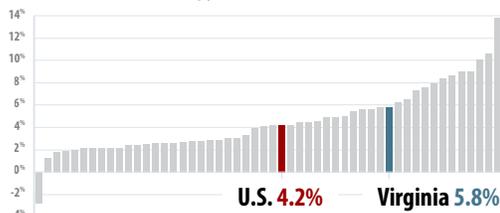
Electricity Sources



Clean Energy Jobs

#11
119,551
Clean Energy
Jobs

Clean Energy Job Growth (2022-2023)



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



Clean Energy Rankings

#20
ENERGY EFFICIENCY
SCORE = 19.5



#11
56% GENERATION
FROM NATURAL GAS



#34
12% GENERATION
FROM RENEWABLES

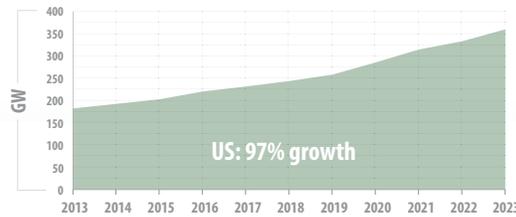
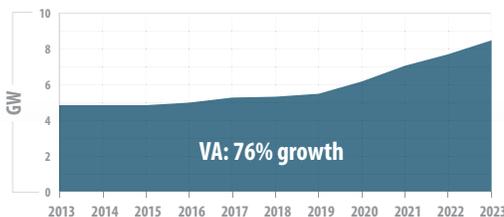


Renewable Electricity Capacity

#11
NEW BUILD (2023)
794 MW

#14
CUMULATIVE BUILD
8,500 MW

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



INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT



WHAT ENERGY INNOVATION MEANS FOR VIRGINIA



\$1.1 BILLION Total Department of Energy funding in FY23

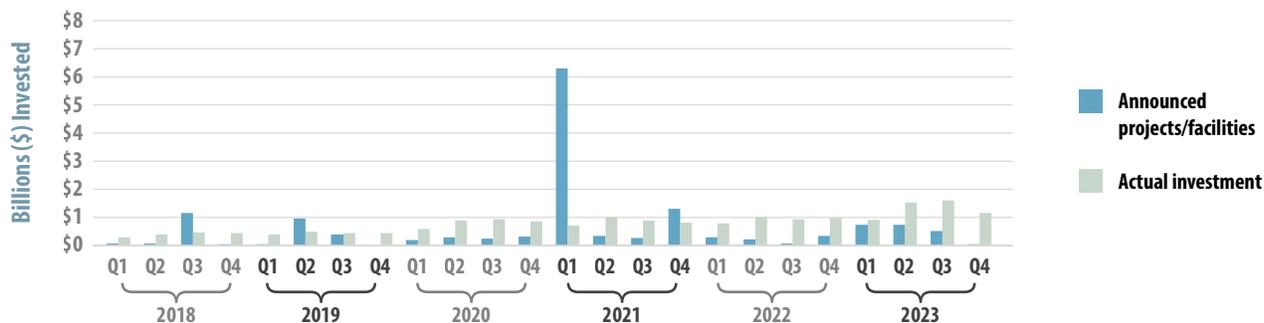
\$222 MILLION Office of Energy Efficiency and Renewable Energy grants in FY23

\$227 MILLION Office of Science grants in FY23

\$27.4 MILLION Advanced Research Projects Agency-Energy grants in FY23

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

CLEAN ENERGY INVESTMENT



BUSINESS SPOTLIGHT

FEND, INCORPORATED (ARLINGTON, VA) | www.Fend.tech



Fend protects energy infrastructure and industrial control systems from cyberattack using hardware that provides real-time information to operators while providing no physical way for hackers to breach a system. Fend received funding from the Department of Energy's Solar Energy Technologies Office (SETO), Water Power Technologies Office (WTPO), and the Environmental Security Technology Certification Program (ESTCP). Today, Fend's data diode products protect customers in 13 sectors of critical infrastructure all around the world. More info at www.fend.tech.