

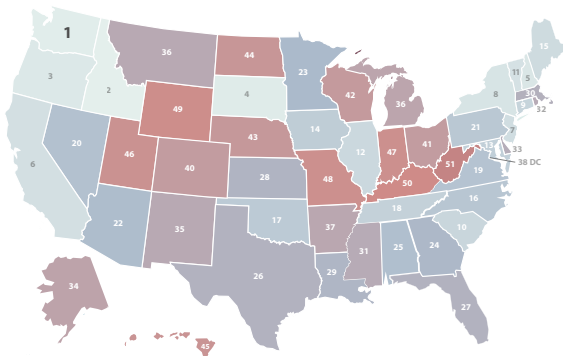
# HOW DOES WASHINGTON STACK UP ON CLEAN ENERGY?



DATA AS OF 2022

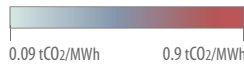


## LOWEST CO<sub>2</sub> EMISSIONS RATE

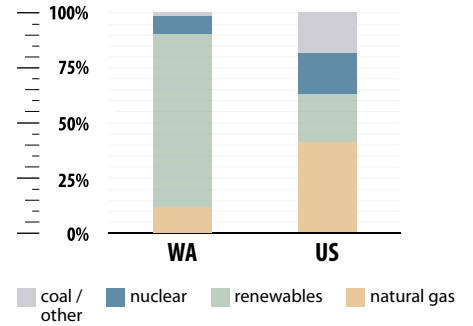


# #1

0.09 tCO<sub>2</sub>/MWh



## ELECTRICITY SOURCES



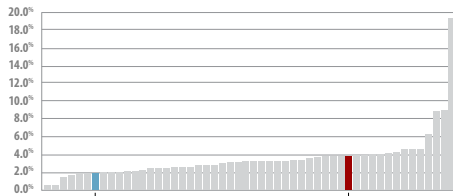
## CLEAN ENERGY JOBS

### Clean Energy Job Growth (2021-2022)

# #13

101,611 (2022)

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



WA 2.0%

U.S. 3.9%

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



## CLEAN ENERGY RANKINGS

# #11

ENERGY EFFICIENCY SCORE = 31.5



# #40

12% GENERATION FROM NATURAL GAS



# #3

76% GENERATION FROM RENEWABLES



## RENEWABLE ELECTRICITY CAPACITY

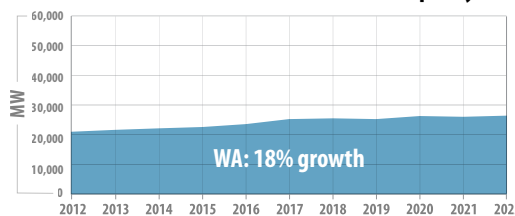
# #3

CUMULATIVE BUILD 25,537 MW

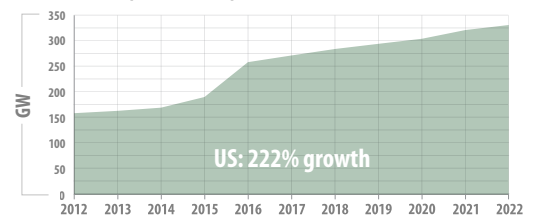
# #20

NEW BUILD (2022) 178 MW

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



WA: 18% growth

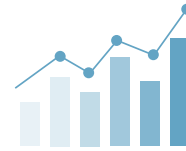


US: 222% growth



**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 WASHINGTON



**\$894.2 MILLION** Total Department of Energy funding in FY22

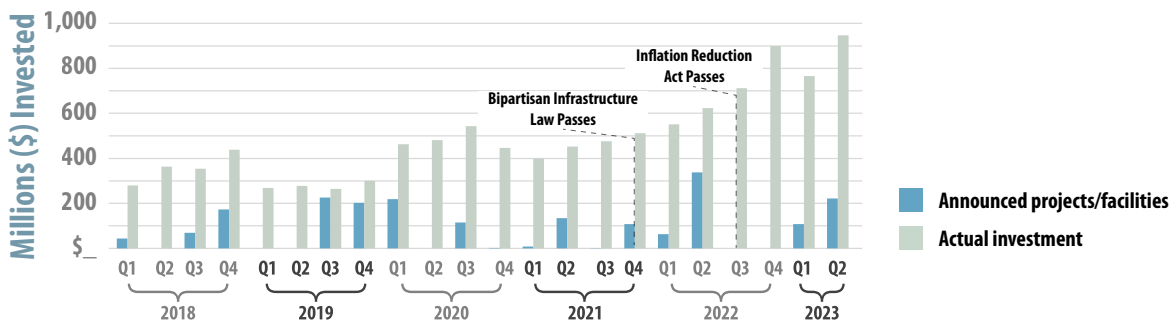
**\$154.3 MILLION** Office of Energy Efficiency and Renewable Energy grants in FY22

**\$112.7 MILLION** Advanced Research Projects Agency-Energy grants in FY22

**\$251.1 MILLION** Office of Science grants in FY22

**170 AWARDS** DOE Small Business Innovation Research (SBIR) since 2012

## CLEAN ENERGY INVESTMENT



## BUSINESS SPOTLIGHT

**OSCILLA POWER (SEATTLE, WA) | [www.OscillaPower.com](http://www.OscillaPower.com)**



With significant support from the US Department of Energy and the Washington Clean Energy Fund, Oscilla Power has developed technology to convert energy from ocean waves to electricity cost-effectively and reliably. The firm has been recognized as a finalist in Department of Energy's Wave Energy Prize competition and is currently at commercial scale with their first product, the Triton C, ready to be deployed in Hawaii. Oscilla Power aims to become a manufacturer of Triton wave energy conversion systems and will sell these to project developers who will deploy farms of these devices for utility-scale power generation.

**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](http://CEBN.org/State-of-Clean-Energy).