

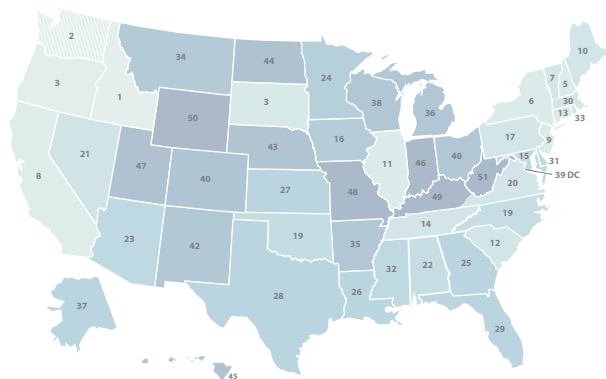
HOW DOES WASHINGTON STACK UP ON CLEAN ENERGY?



DATA AS OF 2020

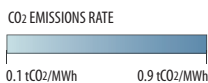


LOWEST CO₂ EMISSIONS RATE

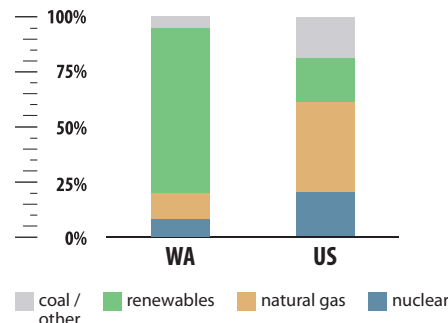


#2

0.11 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#13

77,707 (2020)



COVID-19 job losses totaled at least 16,580 March-December 2020 (cumulative).



CLEAN ENERGY RANKINGS

#11

ENERGY EFFICIENCY SCORE = 31



#40

12% GENERATION FROM NATURAL GAS



#5

75% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#26

406 MW (2020)

NEW BUILD



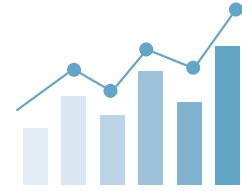
#3

23,000 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR WASHINGTON



\$43.9 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY20

\$29.4 MILLION Office of Science grants in FY20

\$3.32 BILLION State and Indian energy programs, environmental cleanup, and other routine activities in FY20

\$83.6 MILLION Advanced Research Projects Agency-Energy grants since FY2009

34 GRANTS By ARPA-E since 2009

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

#9 **5,090 JOBS SUPPORTED**

#6 **\$798 MILLION CONTRIBUTED TO GDP**

BUSINESS SPOTLIGHT

OSCILLA POWER (SEATTLE, WA) | www.OscillaPower.com



With support from the Department of Energy's Small Business Innovation Research (SBIR) program and other federal agencies, Oscilla Power has developed technology to convert energy from ocean waves into electricity. The firm has been recognized as a finalist in Department of Energy's Wave Energy Prize competition and wave energy conversion system at commercial scale in Hawaii. Oscilla Power continues to use the SBIR program selectively to advance specific aspects of its technology and to develop technology for derivative products.