

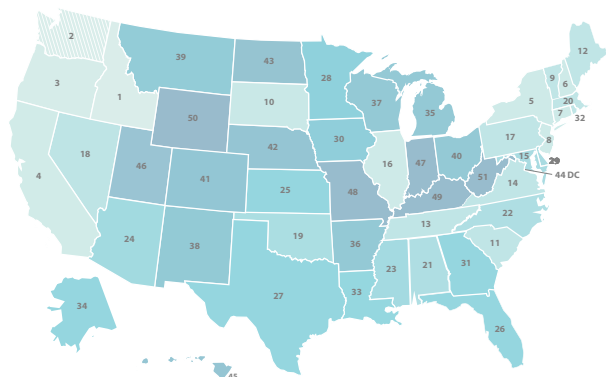
HOW DOES WASHINGTON STACK UP ON CLEAN ENERGY?



DATA AS OF 2019

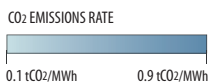


LOWEST CO₂ EMISSIONS RATE

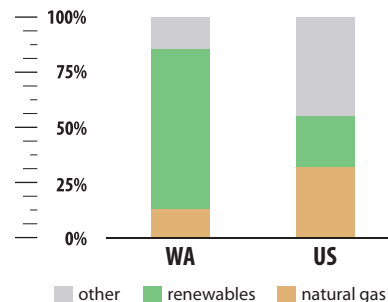


#2

0.13 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#12

87,349 (2019)



COVID-19 job losses totaled at least 17,979 March-August 2020 (cumulative).



CLEAN ENERGY RANKINGS

#10

ENERGY EFFICIENCY SCORE = 31.5



#40

13% GENERATION FROM NATURAL GAS



#5

74% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#47

0 MW (2019)

NEW BUILD



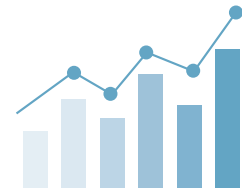
#3

22,594 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR WASHINGTON



\$28.5 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY19

\$25.7 MILLION Office of Science grants in FY19

\$3.2 BILLION State and Indian energy programs, environmental cleanup, and other routine activities in FY19

\$78.4 MILLION Advanced Research Projects Agency-Energy grants since FY2009

29 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.