

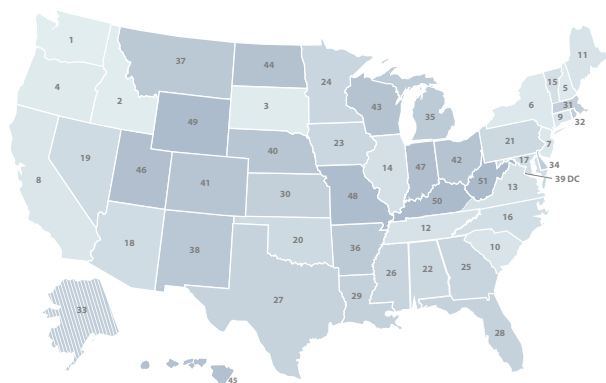
HOW DOES ALASKA STACK UP ON CLEAN ENERGY?



DATA AS OF 2021

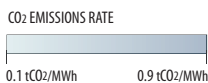


LOWEST CO₂ EMISSIONS RATE

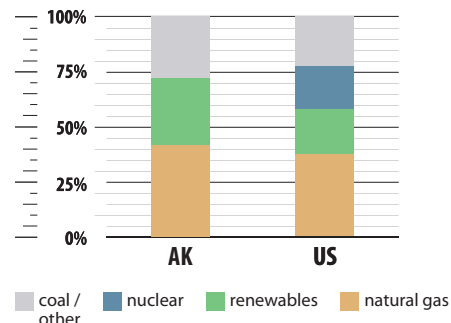


#33

0.46 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#51

10,781 (2021)



Growth/recovery since 2020 totaled 143 jobs (1.3%).



CLEAN ENERGY RANKINGS

#43

ENERGY EFFICIENCY SCORE = 10



#19

42% GENERATION FROM NATURAL GAS



#15

30% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#46

0 MW (2021)

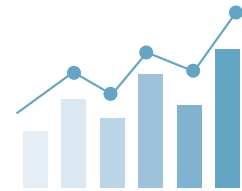


#48

547 MW



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR ALASKA



- \$17.5 MILLION** Total Department of Energy funding in FY21
- \$5 MILLION** Office of Energy Efficiency and Renewable Energy Grants in FY21
- \$4 MILLION** Office of Science grants in FY21
- \$6.7 MILLION** Advanced Research Projects Agency-Energy grants since FY2009
- 1 AWARD** DOE Small Business Innovation Research (SBIR) since 2012

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

#43 **80** JOBS SUPPORTED

#40 **\$9** MILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

OCEAN RENEWABLE POWER COMPANY (ANCHORAGE, AK) | ORPC.co



Constantly pushing the boundaries of innovation, Ocean Renewable Power Company brings marine renewable energy technology and project development solutions to its community and industrial partners. ORPC Alaska research examining clean river energy for rural communities has received \$550,000 in Small Business Innovation Research (SBIR) funding.