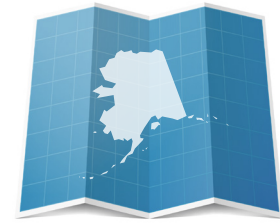


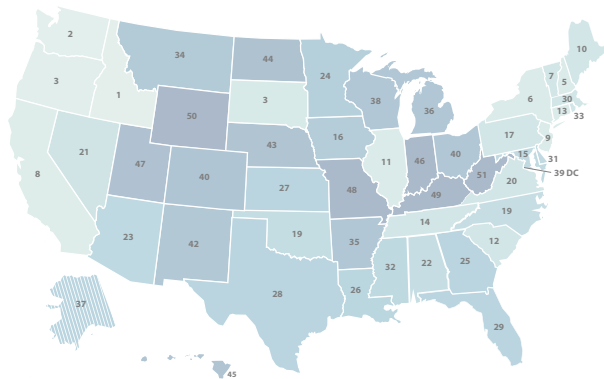
# HOW DOES ALASKA STACK UP ON CLEAN ENERGY?



DATA AS OF 2020



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



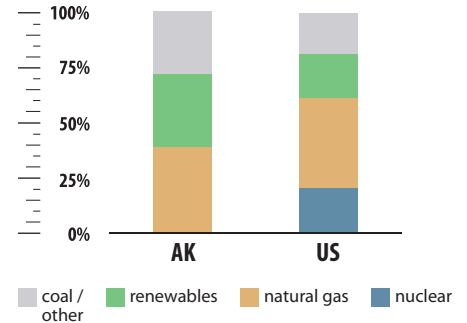
# #37

0.46 tCO<sub>2</sub>/MWh

CO<sub>2</sub> EMISSIONS RATE  
0.1 tCO<sub>2</sub>/MWh 0.9 tCO<sub>2</sub>/MWh



## ELECTRICITY SOURCES



## CLEAN ENERGY JOBS

# #51

10,638  
(2020)



COVID-19 job losses totaled at least 1,188  
March-December 2020 (cumulative).



## CLEAN ENERGY RANKINGS

# #43

ENERGY EFFICIENCY  
SCORE = 10



# #23

38% GENERATION FROM  
NATURAL GAS



# #14

34% GENERATION FROM  
RENEWABLES



## RENEWABLE ELECTRICITY CAPACITY

# #43

5 MW  
(2020)

### NEW BUILD



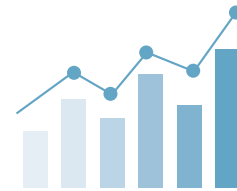
# #48

547 MW

### CUMULATIVE



# ENERGY INNOVATION IN A 21<sup>ST</sup> CENTURY ECONOMY



## WHAT ENERGY INNOVATION MEANS FOR ALASKA



**\$6.3 MILLION** Office of Energy Efficiency and Renewable Energy Grants in FY20

**\$700 THOUSAND** Office of Science grants in FY20

**\$3.5 MILLION** State and Indian energy programs, environmental cleanup, and other routine activities in FY20

**\$3.1 MILLION** Advanced Research Projects Agency-Energy grants since FY2009

**1 GRANT** By ARPA-E since 2009

## 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) | [www.ORPC.co](http://www.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.