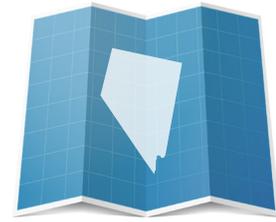


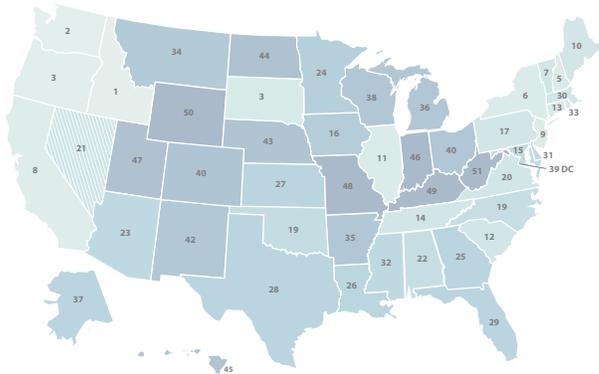
HOW DOES NEVADA STACK UP ON CLEAN ENERGY?



DATA AS OF 2020

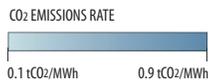


LOWEST CO₂ EMISSIONS RATE

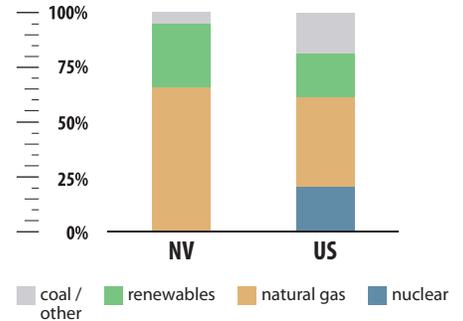


#21

0.33 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#31

33,382 (2020)



COVID-19 job losses totaled at least 3,740 March-December 2020 (cumulative).



CLEAN ENERGY RANKINGS

#21

ENERGY EFFICIENCY SCORE = 21



#7

66% GENERATION FROM NATURAL GAS



#18

29% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#28

209 MW (2020)

NEW BUILD



#18

4,563 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR NEVADA



\$5.6 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY20

\$1.4 MILLION Office of Science grants in FY20

\$619.5 MILLION State and Indian energy programs, environmental cleanup, and other routine activities in FY20

\$2.3 MILLION Advanced Research Projects Agency-Energy grants since FY2009

1 GRANT By ARPA-E since 2009

#48 **50** JOBS SUPPORTED

#47 **\$5** MILLION CONTRIBUTED TO GDP

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

BUSINESS SPOTLIGHT

ALTAIRNANO, INC (RENO, NV) | Altairnano.com



With support from the Department of Energy, Altairnano has identified novel ways to use nanoscale technologies to process lithium titanate oxide (LTO) materials. The company has commercialized a unique, large format, nano lithium titanate (nLTO) battery cell that offers key advantages over other lithium ion battery (LiB) technologies. Altairnano has created a portfolio of products that could be used in the electric grid, transportation, and industrial sectors.