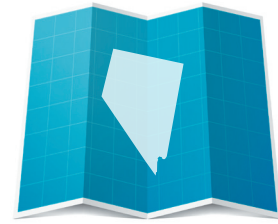


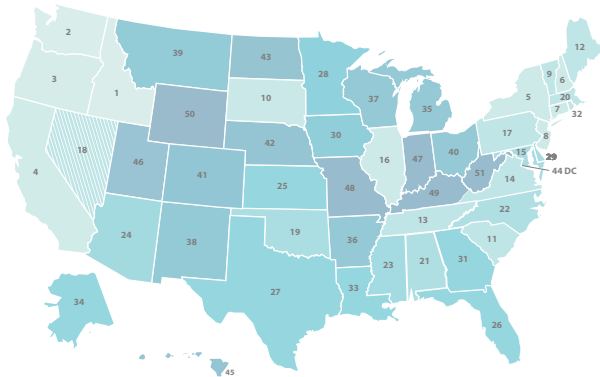
HOW DOES NEVADA STACK UP ON CLEAN ENERGY?



DATA AS OF 2019

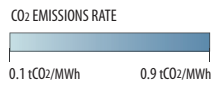


LOWEST CO₂ EMISSIONS RATE

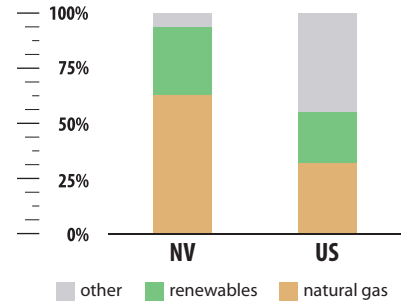


#18

0.34 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#31

36,386 (2019)



COVID-19 job losses totaled at least 4,119 March-August 2020 (cumulative).



CLEAN ENERGY RANKINGS

#26

ENERGY EFFICIENCY SCORE = 15.5



#7

64% GENERATION FROM NATURAL GAS



#14

29% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#13

412 MW (2019)

NEW BUILD



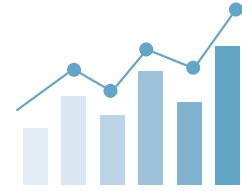
#17

4,199 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR NEVADA



\$2.2 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY19

\$750 THOUSAND Office of Science grants in FY19

\$521 MILLION State and Indian energy programs, environmental cleanup, and other routine activities in FY19

\$2.3 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)

#48 **50** JOBS SUPPORTED

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

BUSINESS SPOTLIGHT

ALTAIRNANO, INC (RENO, NV) | <https://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.