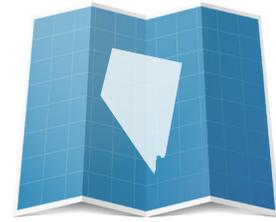


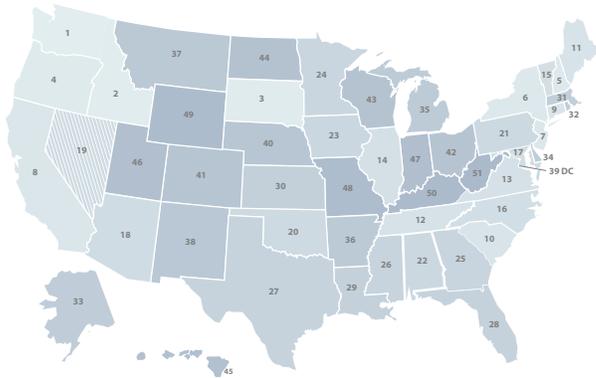
HOW DOES NEVADA STACK UP ON CLEAN ENERGY?



DATA AS OF 2021

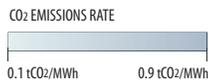


LOWEST CO₂ EMISSIONS RATE

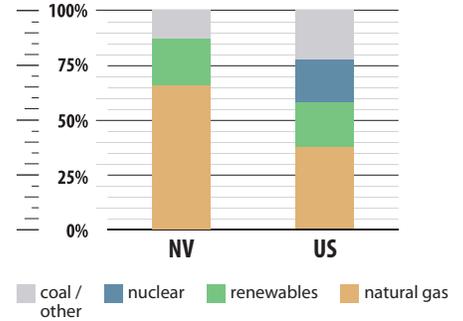


#19

0.33 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#31

34,132 (2021)



Growth/recovery since 2020 totaled 750 jobs (2.2%).



CLEAN ENERGY RANKINGS

#21

ENERGY EFFICIENCY SCORE = 21



#8

66% GENERATION FROM NATURAL GAS



#21

21% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#12

845 MW (2021)

NEW BUILD



#17

5,414 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR NEVADA



\$31.9 MILLION Total Department of Energy funding in FY21

\$17.9 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21

\$5 MILLION Office of Science grants in FY21

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

13 AWARDS DOE Small Business Innovation Research (SBIR) since 2012

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) | 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.