

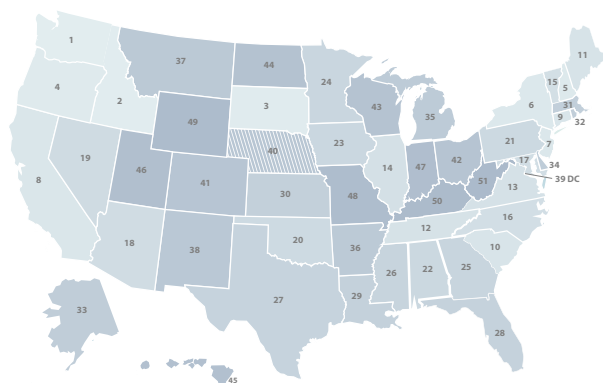
HOW DOES NEBRASKA STACK UP ON CLEAN ENERGY?



DATA AS OF 2021

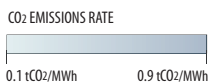


LOWEST CO₂ EMISSIONS RATE

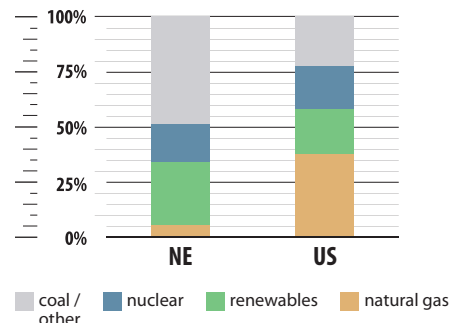


#40

0.54 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#37

22,148 (2021)



Growth/recovery since 2020 totaled 485 jobs (2.2%).



CLEAN ENERGY RANKINGS

#41

ENERGY EFFICIENCY SCORE = 11



#48

3% GENERATION FROM NATURAL GAS



#16

29% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#22

388 MW (2021)

NEW BUILD



#26

3,701 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR NEBRASKA



\$10.6 MILLION Total Department of Energy funding in FY21

\$3.9 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21

\$5.8 MILLION Office of Science grants in FY21

\$6.4 MILLION Advanced Research Projects Agency-Energy grants since FY2009

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

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

#29 **350** JOBS SUPPORTED

#29 **\$34** MILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

LI-COR, INC (LINCOLN, NE) | <https://LiCor.com>



LI-COR Biosciences is a leading innovator in systems for plant research, gas analysis, drug discovery, protein research, and small animal imaging. LI-COR has received funding through ARPA-E awards to develop cost-effective, highly sensitive optical methane sensors to help reduce emissions.