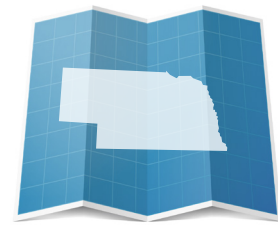


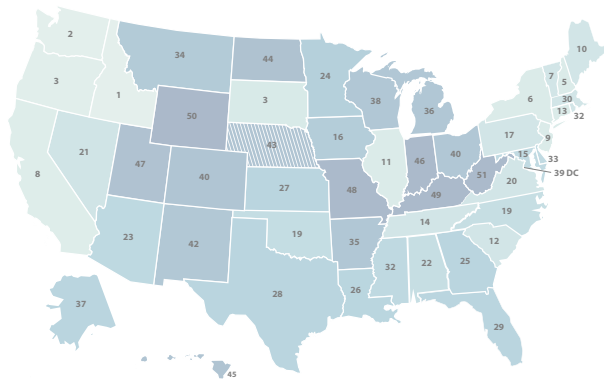
# HOW DOES NEBRASKA STACK UP ON CLEAN ENERGY?



DATA AS OF 2020



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



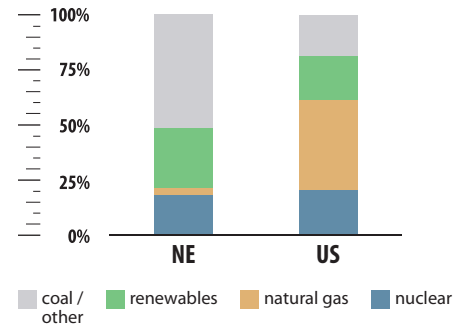
# #43

0.56 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

# #37

21,663  
(2020)



COVID-19 job losses totaled at least 2,361  
March-December 2020 (cumulative).



## CLEAN ENERGY RANKINGS

# #41

ENERGY EFFICIENCY  
SCORE = 11



# #47

4% GENERATION FROM  
NATURAL GAS



# #19

28% GENERATION FROM  
RENEWABLES



## RENEWABLE ELECTRICITY CAPACITY

# #23

530 MW  
(2020)

### NEW BUILD



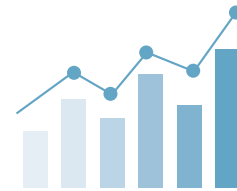
# #29

3,307 MW

### CUMULATIVE



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



## WHAT ENERGY INNOVATION MEANS FOR NEBRASKA



**\$8.1 MILLION** Office of Energy Efficiency and Renewable Energy Grants in FY20

**\$5.9 MILLION** Office of Science grants in FY20

**\$4.7 MILLION** State and Indian energy programs, environmental cleanup, and other routine activities in FY20

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

**3 GRANTS** By ARPA-E since 2009

**#29** **350 JOBS SUPPORTED**

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

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

## 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.