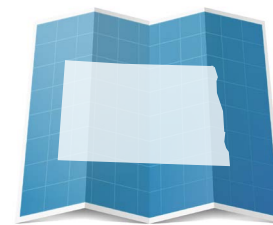


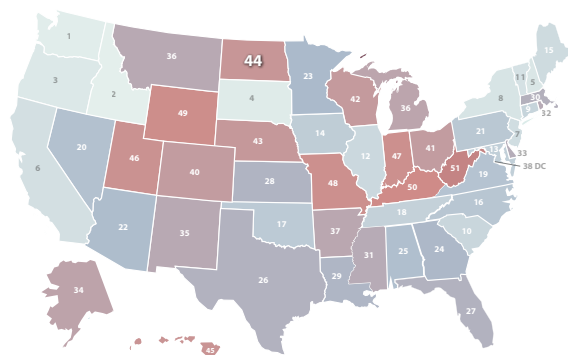
HOW DOES NORTH DAKOTA STACK UP ON CLEAN ENERGY?



DATA AS OF 2022

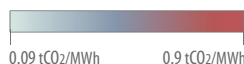


LOWEST CO₂ EMISSIONS RATE

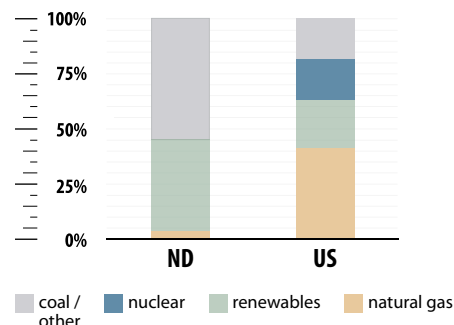


#44

0.61 tCO₂/MWh



ELECTRICITY SOURCES



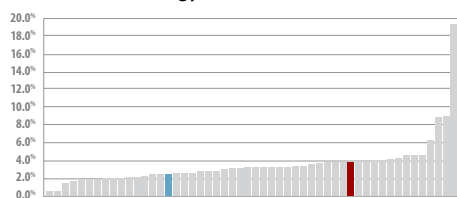
CLEAN ENERGY JOBS

#45

16,260 (2022)

150 JOBS ANNOUNCED THROUGH NEW CLEAN ENERGY PROJECTS SINCE THE INFLATION REDUCTION ACT

Clean Energy Job Growth (2021-2022)



All states and U.S. total ranked from lowest to highest % job growth



CLEAN ENERGY RANKINGS

#43

ENERGY EFFICIENCY SCORE = 4.5



#47

3% GENERATION FROM NATURAL GAS



#13

42% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

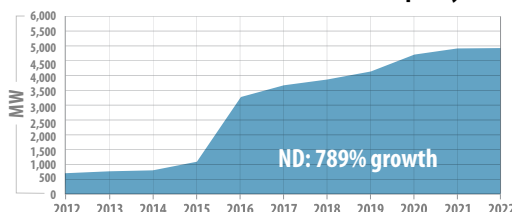
#21

CUMULATIVE BUILD 4,927 MW

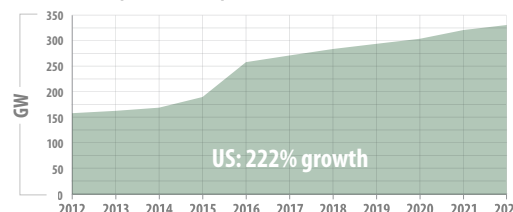
#47

NEW BUILD (2022) 0 MW

Growth in Capacity Over the Past Decade (2012-2022)

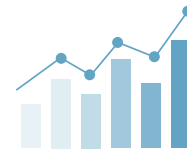


ND: 789% growth



US: 222% growth

INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT



WHAT ENERGY INNOVATION MEANS FOR NORTH DAKOTA



\$237.5 MILLION Total Department of Energy funding in FY22

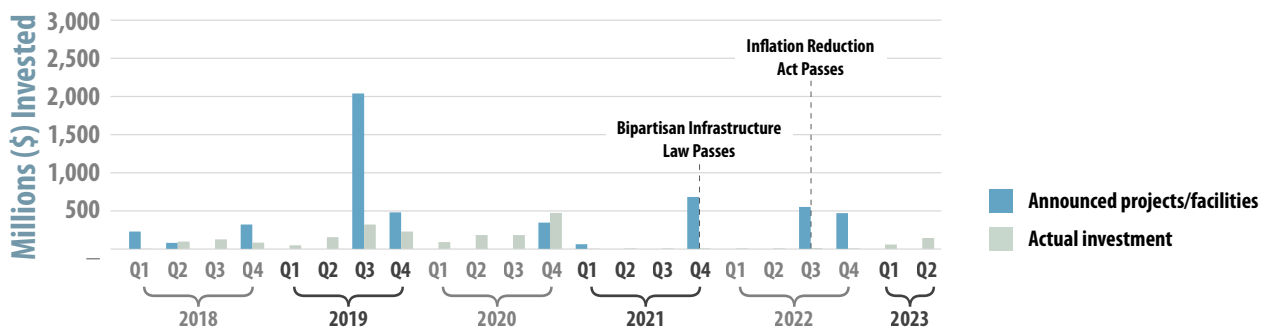
\$14.3 MILLION Office of Energy Efficiency and Renewable Energy grants in FY22

\$1.5 MILLION Advanced Research Projects Agency-Energy grants in FY22

\$2.9 MILLION Office of Science grants in FY22

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

CLEAN ENERGY INVESTMENT



BUSINESS SPOTLIGHT

MICROBEAM TECHNOLOGIES INC (GRAND FORKS, ND) | www.Microbeam.com



Microbeam Technologies Incorporated is a leader in advanced fuel-quality analysis and determining the impacts of fuel on power-system performance. The firm serves clients in the power sector and other industries by providing advanced analysis and testing services to diagnose challenges and identify solutions that improve power plant operations. The company has received Department of Energy funding to help support its research.

SOURCES: Bipartisan Policy Center, USASpending.gov, Clean Investment Monitor from Rhodium Group and MIT's Center for Energy and Environmental Policy Research. View complete methodology at CEBN.org/State-of-Clean-Energy.