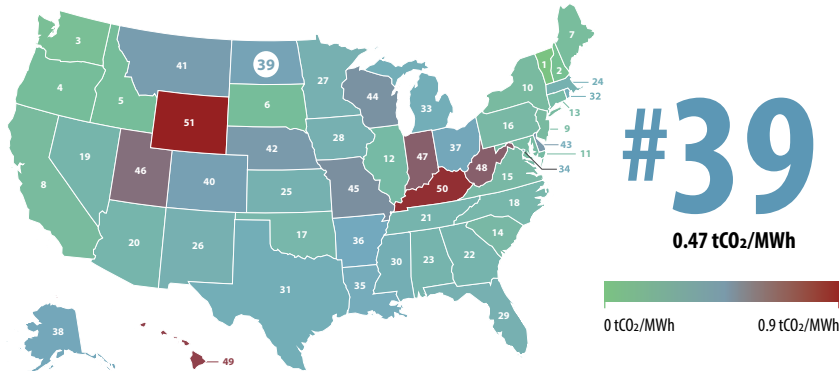


HOW DOES NORTH DAKOTA STACK UP ON CLEAN ENERGY?

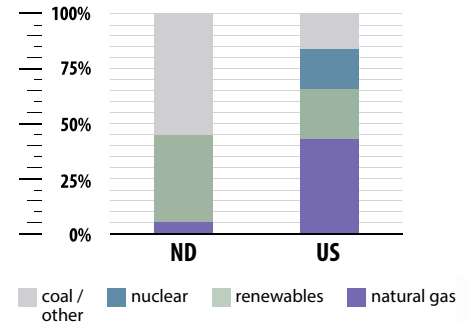
DATA AS OF 2023



Lowest CO₂ Emissions Rate



Electricity Sources

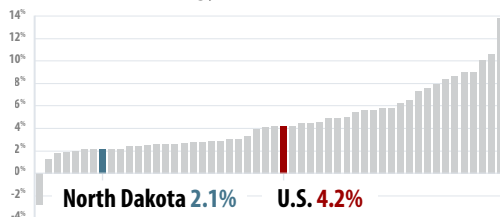


Clean Energy Jobs

#48

16,533
Clean Energy
Jobs

Clean Energy Job Growth (2022-2023)



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



Clean Energy Rankings

#43

ENERGY EFFICIENCY
SCORE = 4.5



#48

5% GENERATION
FROM NATURAL GAS



#14

40% GENERATION
FROM RENEWABLES



Renewable Electricity Capacity

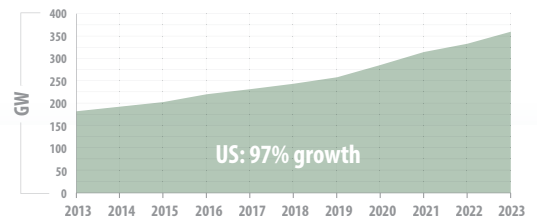
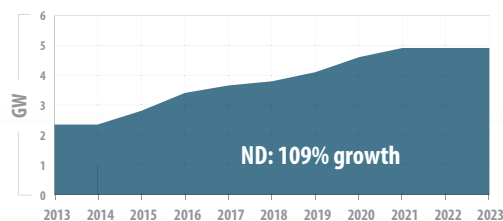
#47

NEW BUILD (2023)
0 MW

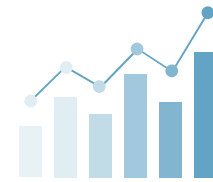
#23

CUMULATIVE BUILD
4,913 MW

Growth in Capacity Over the Past Decade (2013-2023)



INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT



WHAT ENERGY INNOVATION MEANS FOR NORTH DAKOTA



\$382 MILLION Total Department of Energy funding in FY23

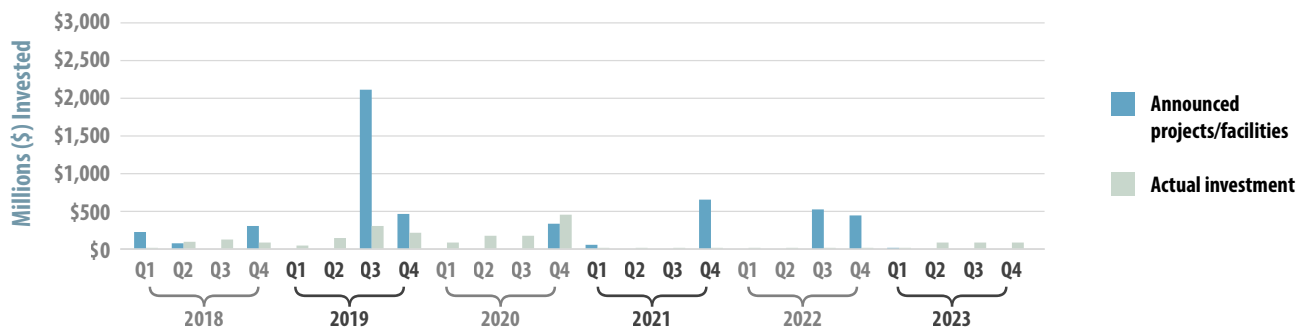
\$29.6 MILLION Office of Energy Efficiency and Renewable Energy grants in FY23

\$3.1 MILLION Office of Science grants in FY23

\$500 THOUSAND Advanced Research Projects Agency-Energy grants in FY23

6 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.