HOW DOES SOUTH DAKOTA STACK UP ON CLEAN ENERGY?

DATA AS OF 2022

LOWEST CO₂ EMISSIONS RATE
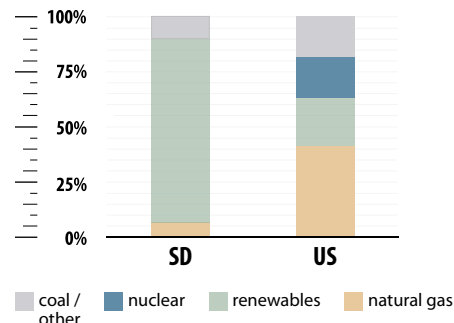

#4

0.13 tCO₂/MWh
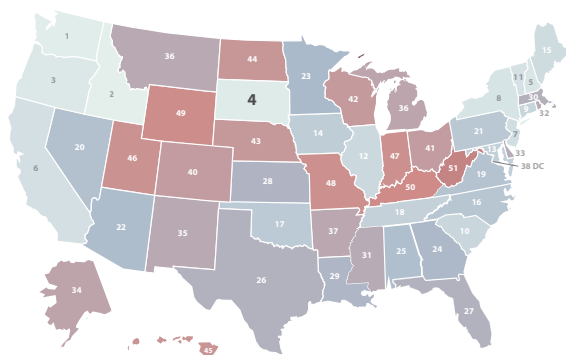
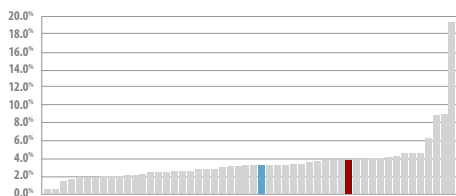0.09 tCO₂/MWh — 0.9 tCO₂/MWh

ELECTRICITY SOURCES

- coal / other
- nuclear
- renewables
- natural gas

CLEAN ENERGY JOBS

#46

15,773 (2022)

1,280 JOBS ANNOUNCED THROUGH NEW CLEAN ENERGY PROJECTS SINCE THE INFLATION REDUCTION ACT

Clean Energy Job Growth (2021-2022)

SD **3.3%**   U.S. **3.9%**

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

CLEAN ENERGY RANKINGS

#46
ENERGY EFFICIENCY SCORE = 3.5

#43
6% GENERATION FROM NATURAL GAS

#2
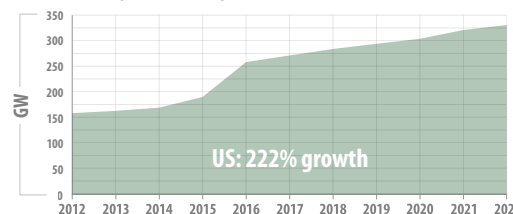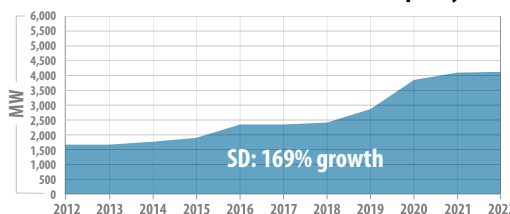**84% GENERATION FROM RENEWABLES**

RENEWABLE ELECTRICITY CAPACITY

#25
CUMULATIVE BUILD
4,414 MW

#47
NEW BUILD (2022)
0 MW

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

SD: 169% growth

US: 222% growth

CLEAN ENERGY BUSINESS NETWORK®

The Business Council for Sustainable Energy®

INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT
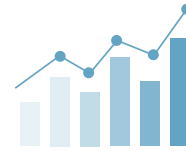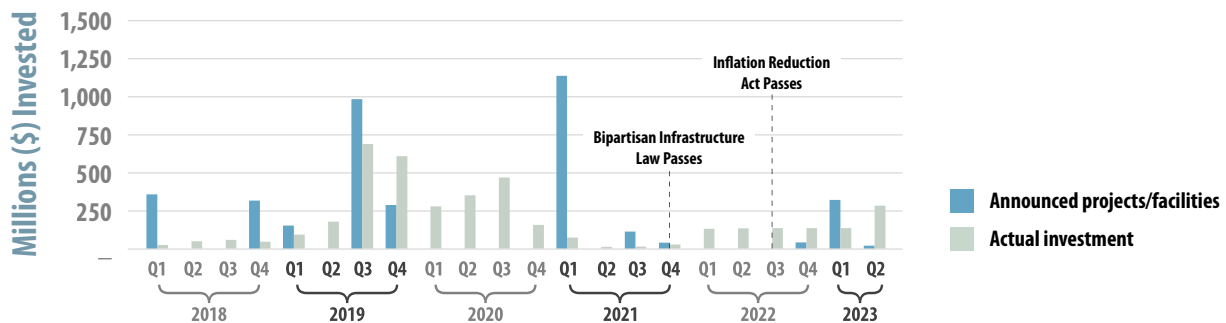
WHAT ENERGY INNOVATION MEANS FOR SOUTH DAKOTA

$173.2 MILLION Total Department of Energy funding in FY22

$42 MILLION Office of Energy Efficiency and Renewable Energy grants in FY22

$127.5 MILLION Office of Science grants in FY22

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

CLEAN ENERGY INVESTMENT

Millions ($) Invested

Inflation Reduction Act Passes

Bipartisan Infrastructure Law Passes

■ Announced projects/facilities
■ Actual investment

2018 2019 2020 2021 2022 2023

BUSINESS SPOTLIGHT

GENPRO ENERGY SOLUTIONS (PIEDMONT, SD) | www.GenProEnergy.com

GenPro Energy Solutions is an energy service organization, with a global depth of experience in energy efficient technologies. GenPro partners with businesses, municipalities, utilities, state and national governments on projects that range from energy efficient lighting systems to development of utility-grade solar energy farms.