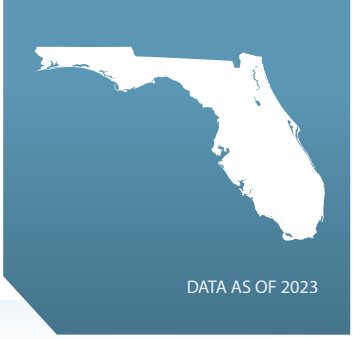
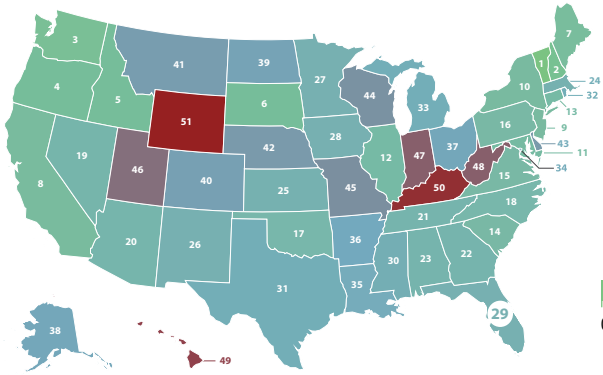
HOW DOES FLORIDA STACK UP ON CLEAN ENERGY?



Lowest CO_2 Emissions Rate

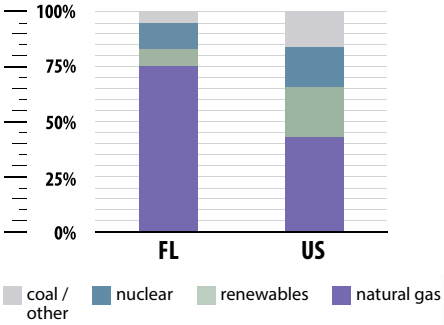


#29

0.36 tCO_2/MWh

0 tCO_2/MWh — 0.9 tCO_2/MWh

Electricity Sources

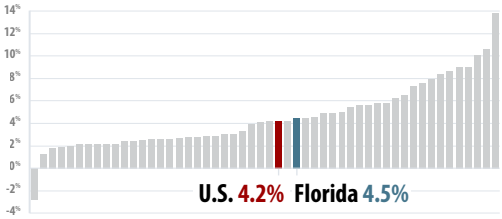


Clean Energy Jobs

#4

210,308
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

#29
ENERGY EFFICIENCY SCORE = 10

#6
76% GENERATION FROM NATURAL GAS

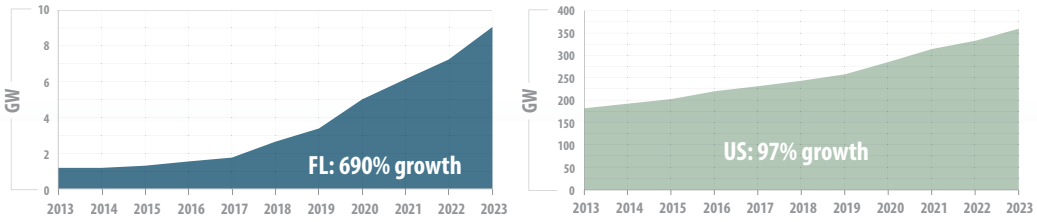
#42
8% GENERATION FROM RENEWABLES

Renewable Electricity Capacity

#3
NEW BUILD (2023)
1,801 MW

#11
CUMULATIVE BUILD
8,994 MW

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



CLEAN ENERGY BUSINESS NETWORK

The Business Council for Sustainable Energy®

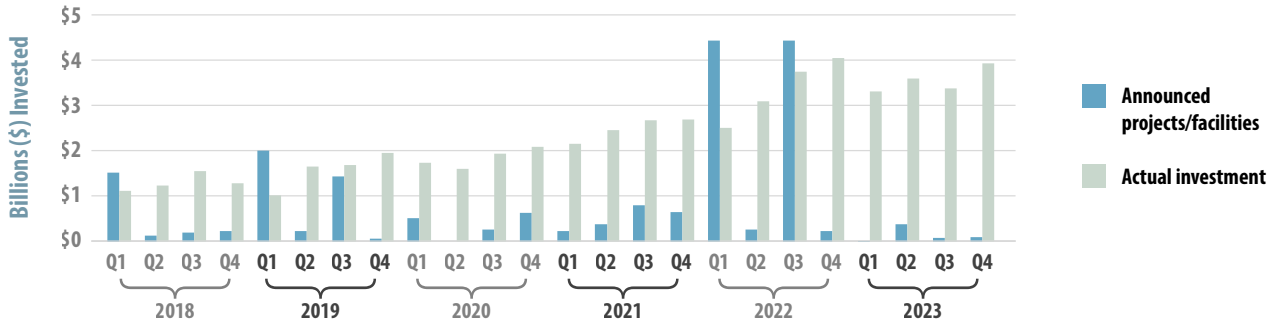
SOURCES: BloombergNEF, U.S. Energy & Employment Report (Department of Energy), Energy Information Administration (all as of 2023); American Council for an Energy-Efficiency Economy (as of 2022). Clean energy jobs include renewable, grid, storage, transmission and distribution, nuclear, and advanced vehicle technologies. Renewable energy capacity data include solar, wind, biomass/waste, geothermal, hydropower. See complete methodology at CEBN.org/State-of-Clean-Energy.

INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT

WHAT ENERGY INNOVATION MEANS FOR FLORIDA

- $671 MILLION Total Department of Energy funding in FY23
- $210 MILLION Office of Energy Efficiency and Renewable Energy grants in FY23
- $248 MILLION Office of Science grants in FY23
- $21.2 MILLION Advanced Research Projects Agency-Energy grants in FY23
- 146 AWARDS DOE Small Business Innovation Research (SBIR) since 2012

CLEAN ENERGY INVESTMENT



BUSINESS SPOTLIGHT

DIOXIDE MATERIALS (BOCA RATON, FL) | www.DioxideMaterials.com

Dioxide Materials™
The CO_2 Recycling Company™

Thanks to an ARPA-E grant, Dioxide Materials is developing an alkaline water electrolyzer for an improved power-to-gas system. This technology has the potential to create greatly improved water electrolyzers, which could enable low-cost energy storage compatible with intermittent renewable energy storage.

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.