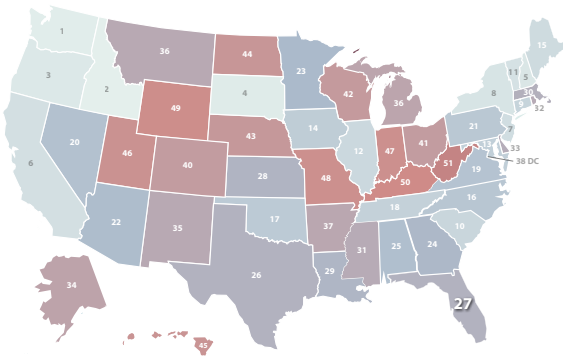
HOW DOES FLORIDA STACK UP ON CLEAN ENERGY?

DATA AS OF 2022

LOWEST CO_2 EMISSIONS RATE

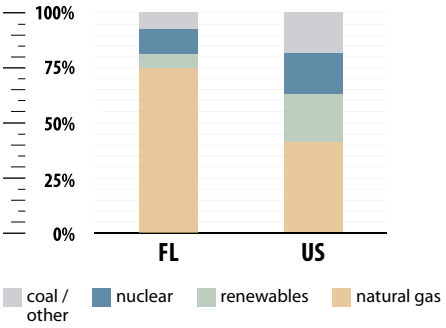


#27

0.38 tCO_2/MWh

0.09 tCO_2/MWh — 0.9 tCO_2/MWh

ELECTRICITY SOURCES



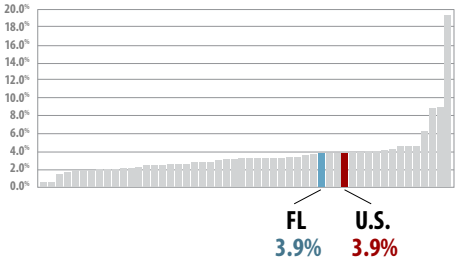
CLEAN ENERGY JOBS

#4

202,556 (2022)

1,760 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

#29

ENERGY EFFICIENCY SCORE = 10

#4

75% GENERATION FROM NATURAL GAS

#44

6% GENERATION FROM RENEWABLES

RENEWABLE ELECTRICITY CAPACITY

#14

CUMULATIVE BUILD

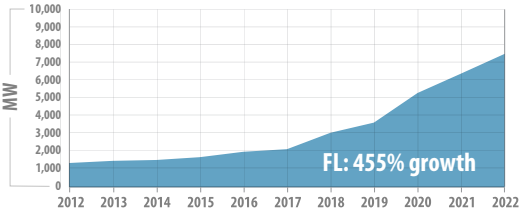
7,361 MW

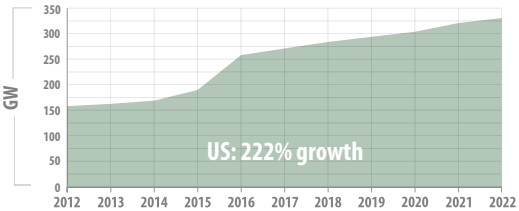
#4

NEW BUILD (2022)

1,100 MW

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





CLEAN ENERGY BUSINESS NETWORK

The Business Council for Sustainable Energy®

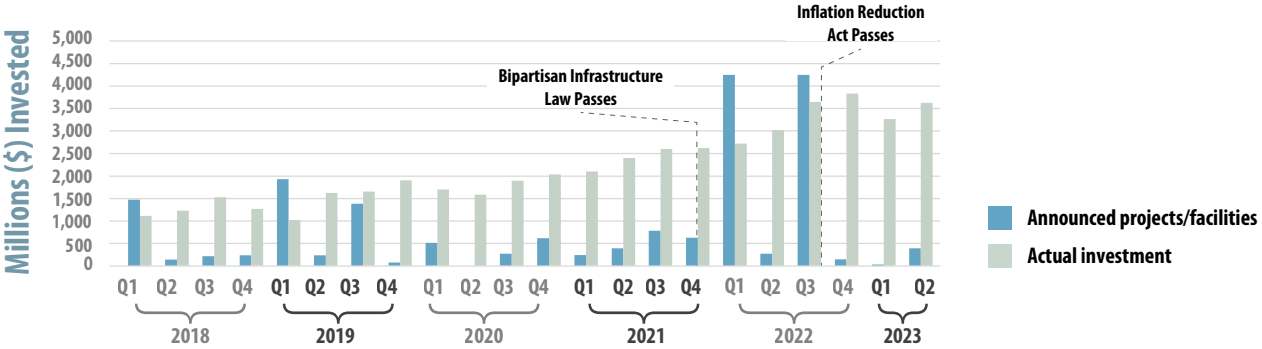
SOURCES: BloombergNEF, U.S. Energy & Employment Report (Department of Energy), Energy Information Administration, American Council for an Energy-Efficiency Economy (ACEEE), Climate Power. All data are as of 2022, except jobs since passage of Inflation Reduction Act (8.15.22-9.30.23). Clean energy jobs 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

- **$444.1 MILLION** Total Department of Energy funding in FY22
- **$126.6 MILLION** Office of Energy Efficiency and Renewable Energy grants in FY22
- **$44 MILLION** Advanced Research Projects Agency-Energy grants in FY22
- **$179.4 MILLION** Office of Science grants in FY22
- **121 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 ectrolyzer 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.