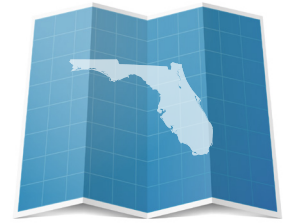


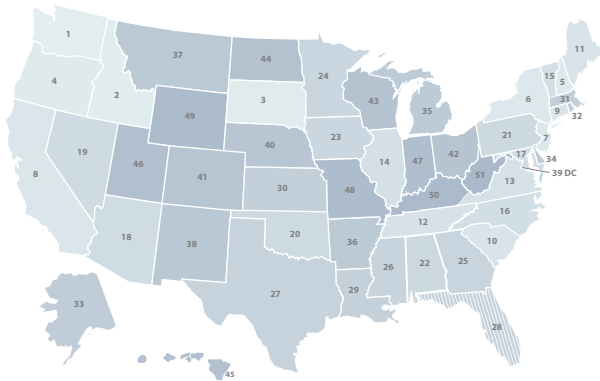
HOW DOES FLORIDA STACK UP ON CLEAN ENERGY?



DATA AS OF 2021



LOWEST CO₂ EMISSIONS RATE



#28

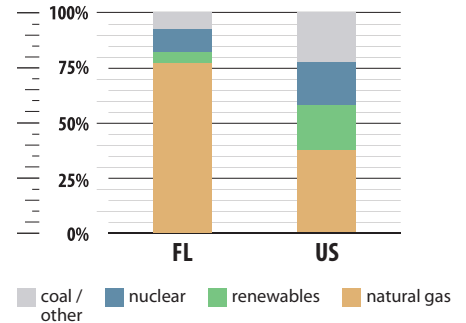
0.39 tCO₂/MWh

CO₂ EMISSIONS RATE

0.1 tCO₂/MWh 0.9 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#3

166,579
(2021)



Growth/recovery since 2020 totaled
7,436 jobs (4.7%).



CLEAN ENERGY RANKINGS

#27

ENERGY EFFICIENCY
SCORE = 17



#5

76% GENERATION FROM
NATURAL GAS



#43

5% GENERATION FROM
RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#4

1,479 MW
(2021)

NEW BUILD



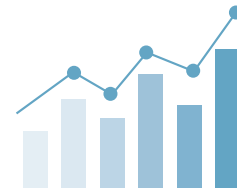
#11

8,081 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR FLORIDA



\$73.3 MILLION Total Department of Energy funding in FY21

\$20 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21

\$27.6 MILLION Office of Science grants in FY21

\$36.3 MILLION Advanced Research Projects Agency-Energy grants since FY2009

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

IMPACTS OF FEDERAL R&D IN ENERGY SECTOR (TOTAL, 2018)

#27 **420 JOBS SUPPORTED**

#27 **\$40 MILLION CONTRIBUTED TO GDP**

BUSINESS SPOTLIGHT

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



Dioxide Materials™
The CO₂ 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.