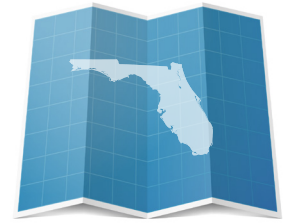


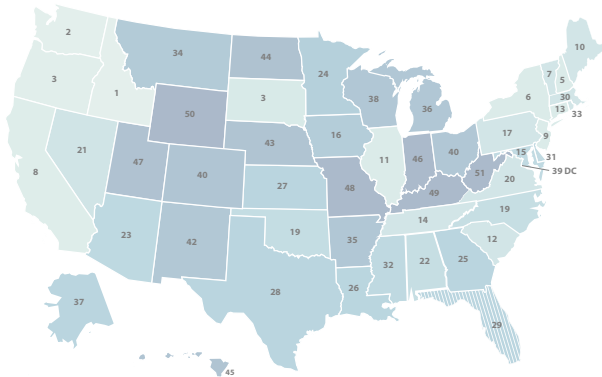
HOW DOES FLORIDA STACK UP ON CLEAN ENERGY?



DATA AS OF 2020



LOWEST CO₂ EMISSIONS RATE



#29

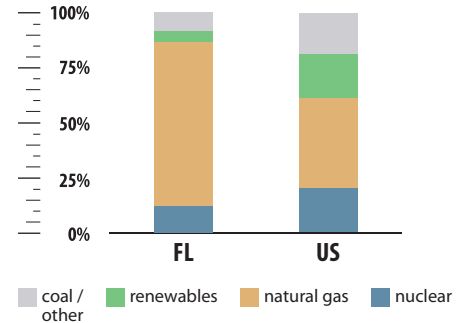
0.39 tCO₂/MWh

CO₂ EMISSIONS RATE

0.1 tCO₂/MWh 0.9 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#4

159,143
(2020)



COVID-19 job losses totaled at least 22,814
March-December 2020 (cumulative).



CLEAN ENERGY RANKINGS

#27

ENERGY EFFICIENCY
SCORE = 17



#5

75% GENERATION FROM
NATURAL GAS



#44

5% GENERATION FROM
RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#3

2,228 MW
(2020)

NEW BUILD



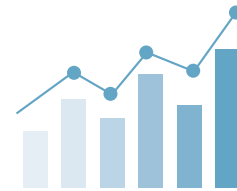
#13

6,633 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR FLORIDA



\$29.9 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY20

\$21.2 MILLION Office of Science grants in FY20

\$21.2 MILLION State and Indian energy programs, environmental cleanup, and other routine activities in FY20

\$35.8 MILLION Advanced Research Projects Agency-Energy grants since FY2009

13 GRANTS By ARPA-E since 2009

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.