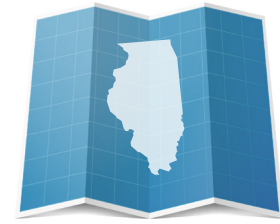


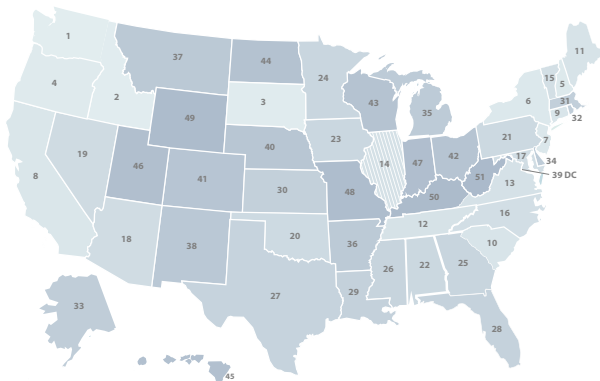
HOW DOES ILLINOIS STACK UP ON CLEAN ENERGY?



DATA AS OF 2021



LOWEST CO₂ EMISSIONS RATE



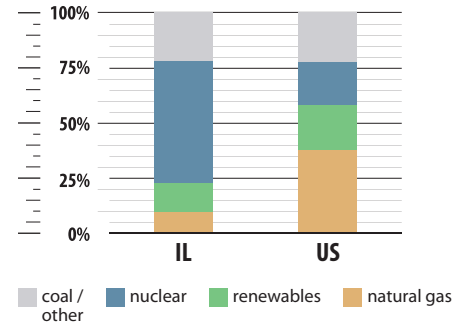
#14

0.31 tCO₂/MWh

CO₂ EMISSIONS RATE



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#5

129,405
(2021)



Growth/recovery since 2020 totaled
4,141 jobs (3.3%).



CLEAN ENERGY RANKINGS

#15

ENERGY EFFICIENCY
SCORE = 27



#39

14% GENERATION FROM
NATURAL GAS



#33

11% GENERATION FROM
RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#5

1,238 MW
(2021)

NEW BUILD



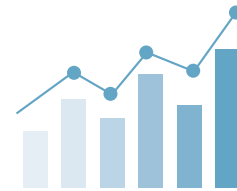
#10

8,167 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR ILLINOIS



\$272.6 MILLION Total Department of Energy funding in FY21

\$50.2 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21

\$87.8 MILLION Office of Science grants in FY21

\$125.3 MILLION Advanced Research Projects Agency-Energy grants since FY2009

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

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

#2 17,180 JOBS SUPPORTED

#2 \$2.1 BILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

NANOGRAP CORPORATION (CHICAGO, IL) | www.NanoGraf.com

NanoGraf Corporation is developing high-power battery materials for a variety of industries, including electric vehicles and renewable energy storage. The company has received support from several Department of Energy Small Business Innovation Research (SBIR) grants to develop its technology and move it toward commercialization. Additionally, the firm has won contracts with the U.S. Advanced Battery Consortium, whose members include the Department of Energy and several major auto manufacturers.