

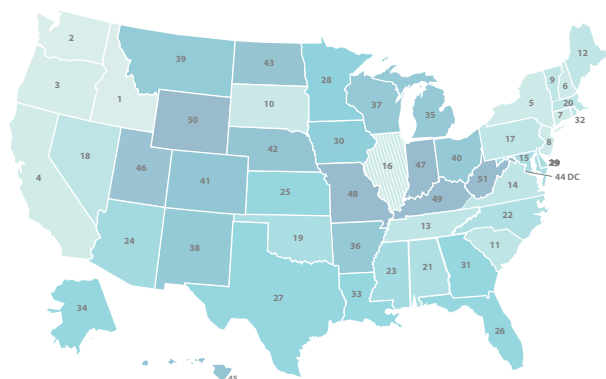
HOW DOES ILLINOIS STACK UP ON CLEAN ENERGY?



DATA AS OF 2019

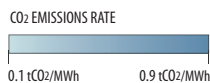


LOWEST CO₂ EMISSIONS RATE

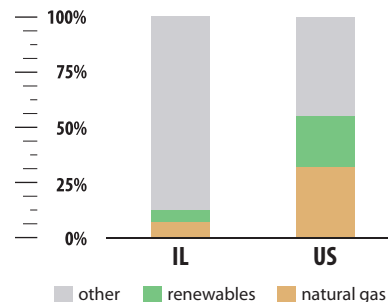


#16

0.33 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#5

134,985 (2019)



COVID-19 job losses totaled at least 11,554 March-August 2020 (cumulative).



CLEAN ENERGY RANKINGS

#11

ENERGY EFFICIENCY SCORE = 29



#42

11% GENERATION FROM NATURAL GAS



#34

8% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#6

964 MW (2019)

NEW BUILD



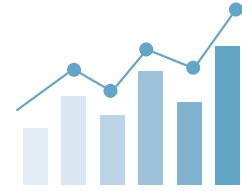
#11

6,094 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR ILLINOIS



\$54.2 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY19

\$74 MILLION Office of Science grants in FY19

\$1.8 BILLION State and Indian energy programs, environmental cleanup, and other routine activities in FY19

\$91.3 MILLION Advanced Research Projects Agency-Energy grants since FY2009

34 GRANTS By ARPA-E since 2009

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.