HOW DOES ILLINOIS STACK UP ON CLEAN ENERGY?

LOWEST CO₂ EMISSIONS RATE

0.33 tCO₂/MWh

0.1 tCO₂/MWh

0.9 tCO₂/MWh

ELECTRICITY SOURCES

IL
US

other
renewables
natural gas

CLEAN ENERGY JOBS

#5
134,985
(2019)

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

#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
CUMULATIVE

6,094 MW

DATA: COLOR SHADING ON ALL INFOGRAPHICS INDICATES PERCENTILE AMONG 50 U.S. STATES AND THE DISTRICT OF COLUMBIA. CLEAN ENERGY INDUSTRIES INCLUDED ARE ENERGY EFFICIENCY, RENEWABLE ENERGY, NATURAL GAS, STORAGE, AND ADVANCED GRID TECHNOLOGIES. SOURCES: BLOOMBERG NEW ENERGY FINANCE, BW RESEARCH, ENERGY INFORMATION ADMINISTRATION, AND AMERICAN COUNCIL FOR AN ENERGY-EFFICIENT ECONOMY. COVID-19 2020 JOB LOSS CALCULATIONS BY BW RESEARCH DO NOT INCLUDE NATURAL GAS SECTOR AND DO INCLUDE ADDITIONAL DATA ON CLEAN VEHICLES, SO ARE NOT PERFECTLY ANALOGOUS WITH 2019 JOB DATA.
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

**NANOGRAF 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.

**SOURCES:** BIPARTISAN POLICY CENTER, USASPENDING.GOV, ARPA-E, BREAKTHROUGH ENERGY