HOW DOES PENNSYLVANIA STACK UP ON CLEAN ENERGY?



DATA AS OF 2020

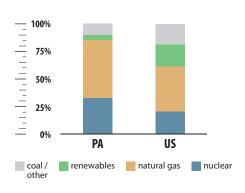




O.31 tCO₂/MWh
CO₂ EMISSIONS RATE

0.1 tCO₂/MWh
0.9 tCO₂/MWh







CLEAN ENERGY JOBS



102,095 (2020)



COVID-19 job losses totaled at least 16,735 March-December 2020 (cumulative).



CLEAN ENERGY RANKINGS

#19

ENERGY EFFICIENCY
SCORE = 22

#13

52% GENERATION FROM NATURAL GAS

#47

4% GENERATION FROM RENEWABLES







#34

88 MW (2020) **NEW BUILD**



#25

3,647 MW

CUMULATIVE



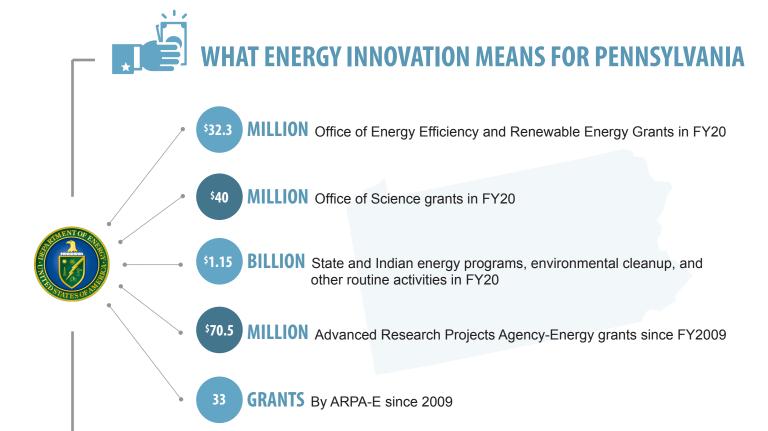




DATA: COLOR SHADING ON ALL INFOGRAPHICS INDICATES PERCENTILE AMONG 50 U.S. STATES AND THE DISTRICT OF COLUMBIA. CLEAN ENERGY INDUSTRIES INCLUDED ARE ENERGY EFFICIENCY, RENEWABLE ENERGY, NATURAL GAS, STORAGE, AND ADVANCED GRID TECHNOLOGIES. SOURCES: BLOOMBERG NEW ENERGY FINANCE, BW RESEARCH, ENERGY INFORMATION 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 2020 JOB DATA.

ENERGY INNOVATION IN A 21st CENTURY ECONOMY





#17 980 JOBS SUPPORTED

#16 MILLION CONTRIBUTED TO GDP

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

BUSINESS SPOTLIGHT

BUILDSIMHUB (PITTSBURGH, PA) | BuildSim.io



BuildSimHub Inc provides cloud resources to simplify complex energy calculations and help architects and engineers design more energy-efficient buildings. Founded in 2017, this early-stage company has potential to help reduce emissions from buildings, the largest energy-consuming sector in the U.S. Support from Department of Energy's Small Business Innovation Research (SBIR) program helped the company improve and launch its software to market.