

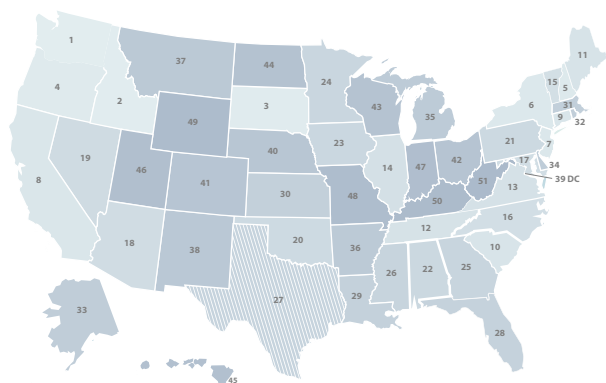
HOW DOES TEXAS STACK UP ON CLEAN ENERGY?



DATA AS OF 2021

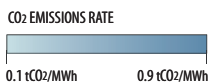


LOWEST CO₂ EMISSIONS RATE

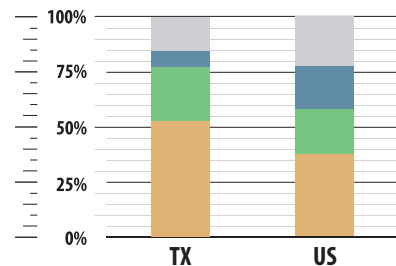


#27

0.39 tCO₂/MWh



ELECTRICITY SOURCES



coal / other nuclear renewables natural gas



CLEAN ENERGY JOBS

#2

352,074 (2021)



Growth/recovery since 2020 totaled 11,281 jobs (3.3%).



CLEAN ENERGY RANKINGS

#29

ENERGY EFFICIENCY SCORE = 15



#13

53% GENERATION FROM NATURAL GAS



#19

24% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#1

9,707 MW (2021)

NEW BUILD



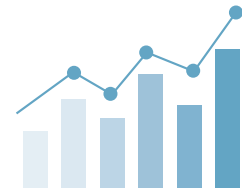
#1

51,986 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR TEXAS



\$151.4 MILLION Total Department of Energy funding in FY21

\$39.9 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21

\$57.1 MILLION Office of Science grants in FY21

\$109 MILLION Advanced Research Projects Agency-Energy grants since FY2009

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

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

#18 **790** JOBS SUPPORTED

#18 **\$86** MILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

TEXAS WIND TOWER (DALLAS, TX) | TexasWindTower.com

Texas Wind Tower has developed a process for offshore renewable energy platforms to fulfill the industrialization goals of large-scale floating offshore wind and related energy platform applications for offshore wind. The company has optimized many important aspects of high-volume platform manufacturing, including structural efficiency, cost, localization, and sustainability. TWT has received strong support for its approach from a global offshore wind developer.