

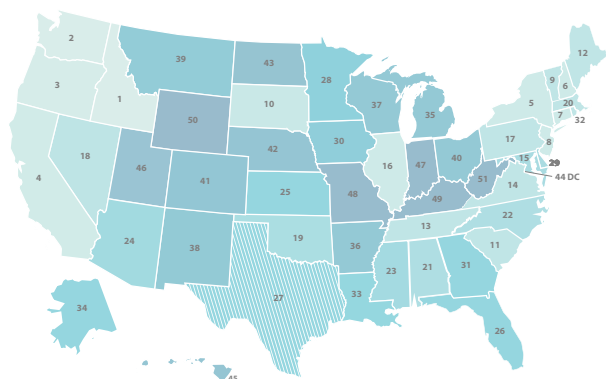
HOW DOES TEXAS STACK UP ON CLEAN ENERGY?



DATA AS OF 2019



LOWEST CO₂ EMISSIONS RATE

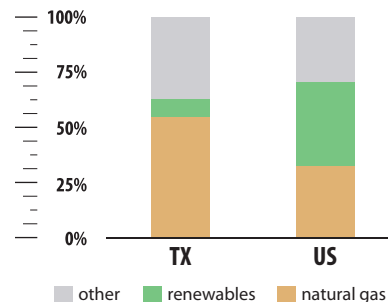


#27

0.41 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#2

382,752 (2019)



COVID-19 job losses totaled at least 23,406 March-August 2020 (cumulative).



CLEAN ENERGY RANKINGS

#26

ENERGY EFFICIENCY SCORE = 15.5



#10

54% GENERATION FROM NATURAL GAS



#21

18% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#1

5,549 MW (2019)

NEW BUILD



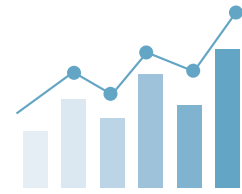
#2

35,948 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR TEXAS



\$37.8 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY19

\$42.4 MILLION Office of Science grants in FY19

\$928.5 MILLION State and Indian energy programs, environmental cleanup, and other routine activities in FY19

\$82.2 MILLION Advanced Research Projects Agency-Energy grants since FY2009

32 GRANTS By ARPA-E since 2009

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) | www.TexasWindTower.com

Texas Wind Tower (TWT) is developing towers and turbine lifting equipment for very tall wind turbines, which will capture higher wind speeds to generate more electricity. TWT's President, John Buttles, has secured Department of Energy funding through his manufacturing company, Bailey Tool, for novel materials and cement production projects and is pivoting this experience to advanced wind manufacturing.