

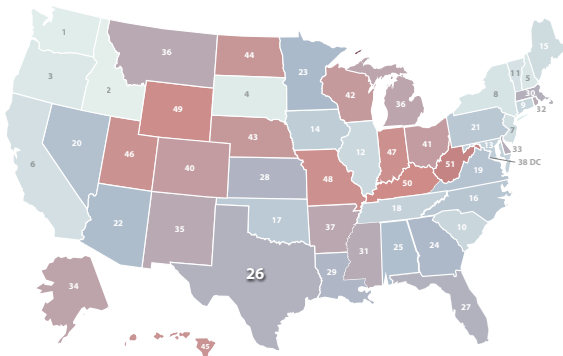
# HOW DOES TEXAS STACK UP ON CLEAN ENERGY?



DATA AS OF 2022

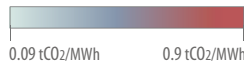


## LOWEST CO<sub>2</sub> EMISSIONS RATE

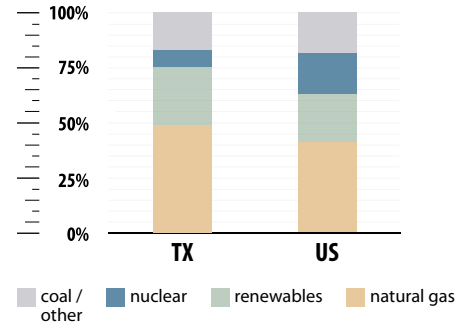


# #26

0.37 tCO<sub>2</sub>/MWh



## ELECTRICITY SOURCES



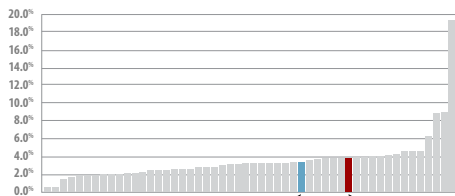
## CLEAN ENERGY JOBS

# #2

396,071 (2022)

17,128 JOBS ANNOUNCED THROUGH NEW CLEAN ENERGY PROJECTS SINCE THE INFLATION REDUCTION ACT

### Clean Energy Job Growth (2021-2022)



TX: 3.5%  
U.S.: 3.9%

All states and U.S. total ranked from lowest to highest % job growth



## CLEAN ENERGY RANKINGS

# #29

ENERGY EFFICIENCY SCORE = 10



# #14

49% GENERATION FROM NATURAL GAS



# #21

26% GENERATION FROM RENEWABLES



## RENEWABLE ELECTRICITY CAPACITY

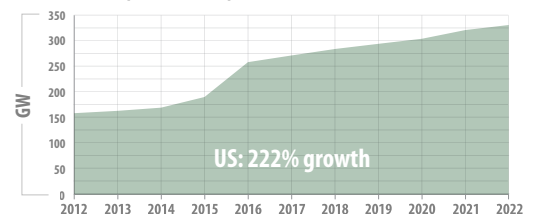
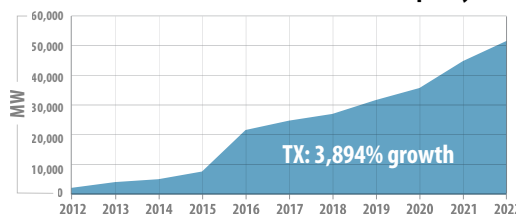
# #1

CUMULATIVE BUILD 51,059 MW

# #1

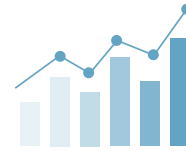
NEW BUILD (2022) 6,552 MW

### Growth in Capacity Over the Past Decade (2012-2022)



**SOURCES:** BloombergNEF, U.S. Energy & Employment Report (Department of Energy), Energy Information Administration, American Council for an Energy-Efficiency Economy (ACEEE), Climate Power. All data are as of 2022, except jobs since passage of Inflation Reduction Act (8.15.22-9.30.23). Clean energy jobs include renewable, grid, storage, transmission and distribution, nuclear, and advanced vehicle technologies. Renewable energy capacity data include solar, wind, biomass/waste, geothermal, hydropower. See complete methodology at [CEBN.org/State-of-Clean-Energy](https://cebn.org/State-of-Clean-Energy).

# INVESTING IN CLEAN ENERGY INNOVATION AND DEPLOYMENT



## WHAT ENERGY INNOVATION MEANS FOR TEXAS



**\$1 BILLION** Total Department of Energy funding in FY22

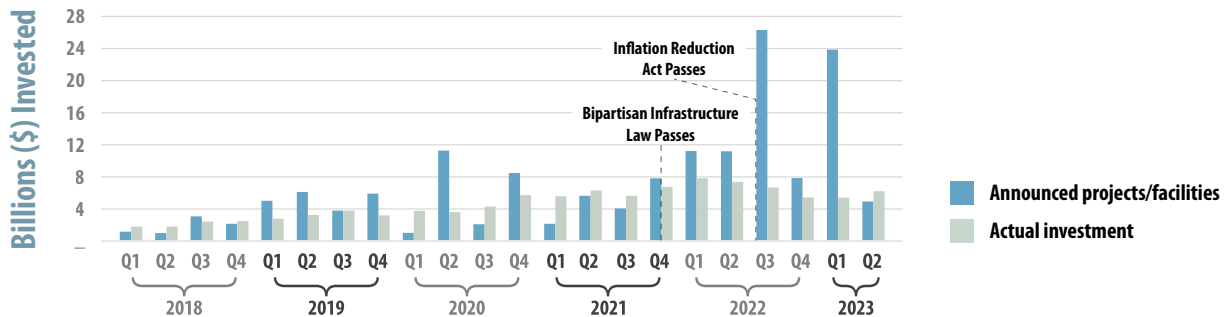
**\$314.8 MILLION** Office of Energy Efficiency and Renewable Energy grants in FY22

**\$179.1 MILLION** Advanced Research Projects Agency-Energy grants in FY22

**\$391.5 MILLION** Office of Science grants in FY22

**236 AWARDS** DOE Small Business Innovation Research (SBIR) since 2012

## CLEAN ENERGY INVESTMENT



## BUSINESS SPOTLIGHT

**KANIN ENERGY (HOUSTON, TX) | [www.KaninEnergy.com](http://www.KaninEnergy.com)**



Kanin Energy focuses on industrial decarbonization through waste heat recovery. Kanin develops projects that transform wasted heat from heavy industrial processes into carbon-free baseload electricity. Kanin successfully de-risks projects by providing expertise across all aspects of execution, as well as providing an innovative energy-as-a-service financing platform and turnkey approach that enables industrial facility partners to efficiently and cost-effectively decarbonize their operations.

**SOURCES:** Bipartisan Policy Center, USASpending.gov, Clean Investment Monitor from Rhodium Group and MIT's Center for Energy and Environmental Policy Research. View complete methodology at [CEBN.org/State-of-Clean-Energy](http://CEBN.org/State-of-Clean-Energy).