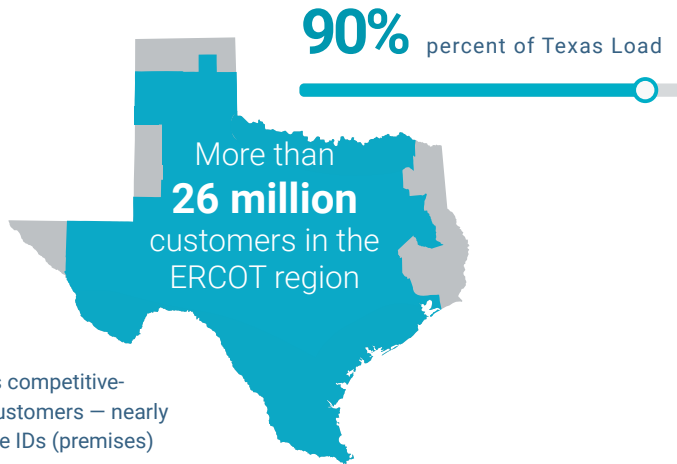


The Electric Reliability Council of Texas (ERCOT) is a nonprofit organization that ensures reliable electric service for 90 percent of the state of Texas. The grid operator is regulated by the Public Utility Commission of Texas and the Texas Legislature.



75% of load is competitive-choice customers — nearly 8 million electric-service IDs (premises)

1 MW of electricity can power about 200 Texas homes during periods of peak demand.

80,038 MW

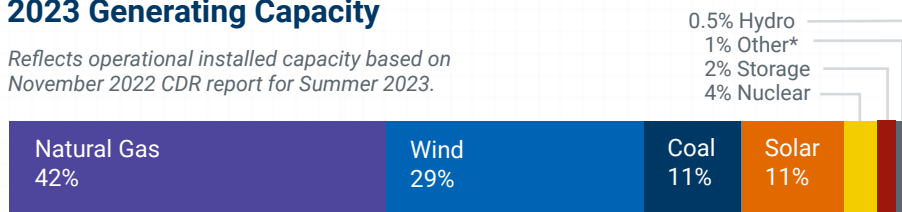
Record peak demand (July 20, 2022)

77,359 MW

Weekend peak demand record (July 9, 2022)

2023 Generating Capacity

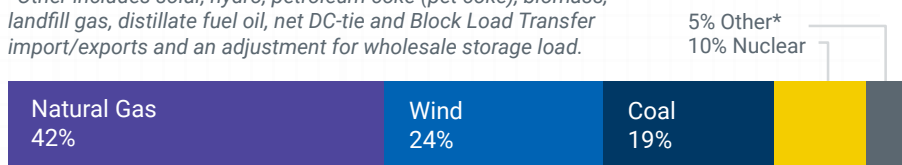
Reflects operational installed capacity based on November 2022 CDR report for Summer 2023.



*Other includes biomass and DC Tie capacity. The sum of the percentages may not equal 100% due to rounding.

2021 Energy Use

*Other includes solar, hydro, petroleum coke (pet coke), biomass, landfill gas, distillate fuel oil, net DC-tie and Block Load Transfer import/exports and an adjustment for wholesale storage load.



393 billion kilowatt-hours of energy were used in 2021, a 2.87 percent increase compared to 2020.

Fact Sheet

December 2022

1,800+

active market participants that generate, move, buy, sell or use wholesale electricity

1,030+

generating units, including PUNs

52,700+

miles of high-voltage transmission

92,000+ MW

of expected capacity for summer 2022 peak demand

36,219 MW

of installed wind capacity as of November 2022, the most of any state in the nation

14,110 MW

of utility-scale installed solar capacity as of November 2022

1,732 MW

of installed battery storage as of April 2022

27,044 MW

wind Generation record (May 31, 2022)

69.15%

wind Penetration record (Apr 10, 2022)

10,100 MW

solar Generation record (Oct 1, 2022)

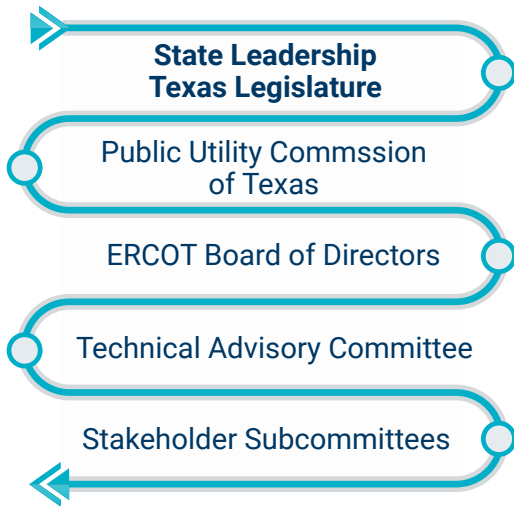
22.99%

solar Penetration record (Oct 1, 2022)

\$2,498 million

transmission projects endorsed in 2021

ERCOT manages the flow of electric power to more than 26 million Texas customers, representing about 90 percent of the state's electric load. As the Independent System Operator for the region, ERCOT schedules power on an electric grid that connects more than 52,700 miles of transmission lines and 1,030 generation units, including Private Use Networks. ERCOT also performs financial settlement for the competitive wholesale bulk-power market and administers retail switching for more than 8 million premises in competitive choice areas. ERCOT is a membership-based 501(c)(4) nonprofit corporation, governed by a board of directors and subject to oversight by the Public Utility Commission of Texas and the Texas Legislature.



In 1999, the Texas Legislature restructured the Texas electric market and assigned **ERCOT four primary responsibilities:**

- ✓ *Maintain system reliability.*
- ✓ *Facilitate a competitive wholesale market.*
- ✓ *Facilitate a competitive retail market.*
- ✓ *Ensure open access to transmission.*

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