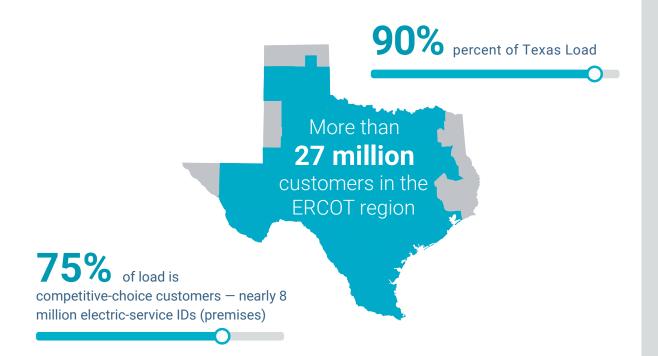


The Electric Reliability Council of Texas (ERCOT) is a nonprofit organization that ensures reliable electric service for 90 percent of the state of Texas. The grid operator is regulated by the Public Utility Commission of Texas and the Texas Legislature.



1 MW of electricity is enough to serve about 250 residential customers during ERCOT peak hours.

85,508 MW

85,116 MW

Record peak demand

Weekend peak demand record

0.3% Hydro 0.8% Other* 7.7% Storage

0.0% Other*

*Unofficial until final settlements occur

2025 Generating Capacity

Reflects operational installed capacity for Summer 2025 based on

December 2024 CDR report.			3.0% Nuclear	
Natural Gas	Wind	Coal	Solar	
37.7%	22.9%	8.5%	19.0%	

The sum of the percentages may not equal 100% due to rounding.

*Other includes biomass and DC Tie capacity.

2024 Energy Use

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

8.4% Nuclear Wind Solar **Natural Gas** Coal 44.3% 24.2% 12.6% 10.4%

Fact Sheet

October 2025

1,873+

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

1,250+

generating units, including PUNs

54,100+

miles of high-voltage transmission

103,105+ MW

expected capacity for Summer 2025 peak demand (December 2024 CDR)

39,968 MW

of installed wind capacity as of July 2025, the most of any state in the nation

32,729 MW

of utility-scale installed solar capacity as of July 2025

14,137 MW

of installed energy storage as of July 2025

28,550 MW

wind generation record (March 3, 2025)

69.15%

wind penetration record (April 10, 2022)

29,877 MW

solar generation record (Sept 9, 2025)

56.60%

solar penetration record (March 20, 2025)

\$3.8 billion

transmission projects endorsed in 2024

ERCOT manages the flow of electric power to more than 27 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 54,100 miles of transmission lines and 1,250 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.

ERCOT Board of Directors

Bill Flores

Chair - Director

Peggy Heeg

Vice Chair - Director

Benjamin Barkley

Public Counsel

Linda Capuano

Julie England

Director

Thomas Gleeson

Chair of PUCT

Kathleen Jackson

Commissioner, PUCT

Christopher A. Krummel

Kathleen McAllister

Director

Bill Mohl

Director

John Swainson

Director

Pablo Vegas

President and Chief Executive Officer

ERCOT Executive Team

Pablo Vegas

President and **Chief Executive Officer**

Jayapal Parakkuth

Senior Vice President and Chief Digital Officer

Woody Rickerson

Senior Vice President and **Chief Operating Officer**

Richard L. Scheel

Senior Vice President, **Chief Financial Officer** and Chief Risk Officer

Chad V. Seely

Senior Vice President, Regulatory Policy, General Counsel, Chief Compliance Officer, and Corporate Secretary

Drew Bonser

Vice President, Chief Information Security Officer

Keith Collins

Vice President, **Commercial Operations**

Brandon Gleason

Vice President, Legal and Compliance and Assistant Corporate Secretary

Kristi Hobbs

Vice President, System Planning and Weatherization

Gilbert Hughes

Vice President, Public Affairs

Adam Martinez

Vice President, Enterprise Risk and Strategy

Mara Spak

Vice President, Human Resources

Venkat Tirupati

Vice President, DevOps and **Grid Transformation**

Dan Woodfin

Vice President, **System Operations**

Download the ERCOT app





Connect with us



ERCOT.com

facebook.com/ERCOTISO/



X x.com/ercot_iso



in linkedin.com/company/ercot