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.

ERCOT has four primary responsibilities:
- Maintain system reliability.
- Facilitate a competitive wholesale market.
- Facilitate a competitive retail market.
- Ensure open access to transmission.

90 percent of Texas Load

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

- 1,800+ active market participants that generate, move, buy, sell or use wholesale electricity
- 86,000+ megawatts (MW) of expected capacity for summer 2021 peak demand
- 710+ generating units, excluding PUNs
- Transmission projects endorsed in 2020 total $1,071 million
- 46,500+ miles of high-voltage transmission

74,820 MW
Record peak demand (Aug. 12, 2019)

73,821 MW
Weekend peak demand record (Aug. 15, 2020)

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

2021 Generating Capacity
Reflects operational installed capacity based on the December 2020 CDR report

51.0% Natural Gas
24.8% Wind
13.4% Coal
4.9% Nuclear
3.8% Solar
1.9% Other*
0.2% Storage

2020 Energy Use
*Other includes solar, hydro, petroleum coke, biomass, landfill gas, distillate fuel oil, net DC-tie and Block Load Transfer imports/exports and an adjustment for wholesale storage load

45.5% Natural Gas
22.8% Wind
17.9% Coal
10.9% Nuclear
2.9% Other*

382 billion kilowatt-hours of energy were used in 2020, a 0.6 percent decrease compared to 2019.
The Electric Reliability Council of Texas (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 46,500 miles of transmission lines and 710+ generation units. It also performs financial settlement for the competitive wholesale bulk-power market and administers retail switching for nearly eight 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.

ERCOT Board of Directors

Paul L. Foster  
Chair  
Franklin Management, LLC

Carlos F. Aguilar  
Texas Central Partners, LLC

Chris Ekoh  
Office of Public Utility Counsel

Brad Jones  
Interim President and Chief Executive Officer, ERCOT  
(non-voting)

Peter Lake  
Chair, Public Utility Commission of Texas  
(non-voting)

ERCOT Executive Team

Brad Jones  
Interim President and Chief Executive Officer

Betty Day  
Vice President, Security & Compliance and Chief Compliance Officer

Kristi Hobbs  
Vice President, Corporate Strategy and PUC Relations

Kenan Ögelman  
Vice President, Commercial Operations

Jayapal Parakkuth  
Vice President and Chief Information Officer

Woody Rickerson  
Vice President, Grid Planning and Operations

Chad V. Seely  
Vice President, General Counsel and Corporate Secretary

Mara Spak  
Vice President, Human Resources

Jeyant Tamby  
Senior Vice President, Chief Administrative Officer and Chief of Staff

Sean Taylor  
Vice President and Chief Financial Officer

Download the ERCOT app

www.ercot.com

November 2021