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.

- 1,800+ active market participants that generate, move, buy, sell or use wholesale electricity
- 82,000+ megawatts (MW) of expected capacity for summer 2020 peak demand
- 680+ generating units, excluding PUNs
- Transmission projects endorsed in 2020 total $598.6 million
- 46,500+ miles of high-voltage transmission

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

- 71,930 MW
  Weekend peak demand record (Aug. 11, 2019)

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

- Wind Generation record: 21,375 MW (June 28, 2020)
- Wind Penetration record: 59.30 percent (May 2, 2020)
- 24,976 MW of installed wind capacity as of July 2020, the most of any state in the nation
- 3,275 MW of utility-scale installed solar capacity as of July 2020
- 153 MW of installed battery storage as of July 2020

2019 Generating Capacity
*Includes solar, hydropower, petroleum coke, biomass, landfill gas, distillate fuel oil, net DC-tie and Block Load Transfer imports/exports and an adjustment for wholesale storage load

384 billion kilowatt-hours of energy were used in 2019, a 2 percent increase compared to 2018.
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 680+ 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. Its members include consumers, cooperatives, generators, power marketers, retail electric providers, investor-owned electric utilities, transmission and distribution providers and municipally-owned electric utilities.

ERCOT Executive Team

Bill Magness
President and Chief Executive Officer

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

Theresa Gage
Vice President, External Affairs and Corporate Communications

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 and Chief Administrative Officer

Sean Taylor
Vice President and Chief Financial Officer

ERCOT Board of Directors

Craven Crowell
Chair (Unaffiliated)

Judy Walsh
Vice Chair (Unaffiliated)

Terry Bulger
(Unaffiliated)

Mark Carpenter
Oncor Electric Delivery Company (Investor-Owned Utility)

Lori Cobos
Office of Public Utility Counsel (Residential Consumer, ex officio)

Seth Cochran
DC Energy Texas, LLC (Independent Power Marketer)

Peter Cramton
(Unaffiliated)

Nick Fehrenbach
City of Dallas (Commercial Consumer)

Kevin Gresham
RWE Renewables Americas LLC (Independent Generator)

Sam Harper
Chaparral Steel Midlothian, LP (Industrial Consumer)

Clifton Karnei
Brazos Electric Power Cooperative, Inc. (Cooperative)

Bill Magness
President and Chief Executive Officer, ERCOT (ex officio)

Karl Pfirrmann
(Unaffiliated)

Ned Ross
Direct Energy (Independent Retail Electric Provider)

Jackie Sargent
Austin Energy (Municipal)

DeAnn T. Walker
Chair, Public Utility Commission of Texas (ex officio, non-voting)

Segment Alternates

Keith Emery
Tenaska Power Services Co. (Independent Power Marketer)

Mike Kezar
South Texas Electric Cooperative, Inc. (Cooperative)

Glen Lyons
ExxonMobil Power and Gas Services, Inc. (Industrial Consumer)

Steve Madden
Infinite Energy (Independent Retail Electric Provider)

Jennifer Richie
City of Waco (Commercial Consumer)

Steven Schleimer
Calpine Corporation (Independent Generator)

Wade Smith
American Electric Power Service Corporation (Investor-Owned Utility)

Ian Taylor
New Braunfels Utilities (Municipal)

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www.ercot.com

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Electric Reliability Council of Texas