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
- 80,000+ megawatts (MW) of capacity for peak demand as of December 2019
- 650+ generating units, excluding PUNs
- Transmission projects energized in 2019 total $1.3 billion
- 46,500+ miles of high-voltage transmission

- Wind Generation record: 20,066 MW* (Jan. 8, 2020)
- Wind Penetration record: 57.88 percent (Nov. 26, 2019)
- 23,860 MW of installed wind capacity as of December 2019, the most of any state in the nation
- 2,281 MW of utility-scale installed solar capacity as of December 2019
- 104 MW of installed battery storage as of December 2019
  *Preliminary operating data

### Energy Use

- Natural Gas: 47%
- Wind: 20%
- Coal: 20%
- Nuclear: 11%
- Other*: 2%

*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

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 650+ 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

**Jerry Dreyer**  
Senior Vice President and Chief Information Officer

**Betty Day**  
Vice President, Security and Compliance

**Theresa Gage**  
Vice President, External Affairs and Corporate Communications

**Kenan Ögelman**  
Vice President, Commercial Operations

**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)

**Rick Bluntzer**  
Just Energy Texas, LP (Independent Retail Electric Provider)

**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)

**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)

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

**Jennifer Richie**  
City of Waco (Commercial Consumer)

**Ned Ross**  
Direct Energy (Independent Retail Electric Provider)

**Steven Schleimer**  
Calpine Corporation (Independent Generator)

**Mark Schwirtz**  
Golden Spread Electric Cooperative, Inc. (Cooperative)

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

**Ian Taylor**  
New Braunfels Utilities (Municipal)

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