What we do

The Texas Legislature restructured the Texas electric market in 1999 by unbundling the investor-owned utilities and creating retail customer choice in those areas, and assigned ERCOT four primary responsibilities:

- System reliability – planning and operations
- Wholesale market settlement for electricity production and delivery
- Retail switching process for customer choice
- Open access to transmission

Quick Facts

90 percent of Texas Load

73,259 MW
Record peak demand (July 19, 2018)

78,000+ megawatts (MW) of expected capacity for peak demand as of May 2018

25 million consumers in the ERCOT region

1,487 MW of utility-scale installed solar capacity as of June 2018

Endorsed transmission projects totalling $890 million in 2017, up from $653 million in 2016.

Projects energized in 2017 total about $805.4 million.

21,190 MW of installed wind capacity, the most of any state in the nation.

Wind Generation record: 17,541 MW (February 19, 2018)

Wind Penetration record: 54 percent (October 27, 2017)

2017 Energy Use

357 billion kilowatt-hours of energy used in 2017, a 1.6 percent increase compared to 2016.

*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.

2017 Generation Capacity

*Includes hydro and biomass

Natural Gas 53%
Wind 22%
Coal 17%
Nuclear 5%
The Electric Reliability Council of Texas (ERCOT) manages the flow of electric power to more than 25 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 600+ generation units. It also performs financial settlement for the competitive wholesale bulk-power market and administers retail switching for seven 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 & Chief Executive Officer

Cheryl Mele  
Senior Vice President & Chief Operating Officer

Jerry Dreyer  
Senior Vice President & Chief Information Officer

Steve Daniels  
Vice President, Application Services and IT Operations

Betty Day  
Vice President, Governance, Risk and Compliance

Theresa Gage  
Vice President, External Affairs & Corporate Communications

Kenan Ögelman  
Vice President, Commercial Operations

Mike Petterson  
Vice President and Chief Financial Officer

Woody Rickerson  
Vice President, Grid Planning and Operations

Chad Seely  
Vice President, General Counsel and Corporate Secretary

Diane Williams  
Vice President, Human Resources

**ERCOT Board of Directors**

Craven Crowell  
Chair (Unaffiliated)

Judy Walsh  
Vice Chair (Unaffiliated)

Tonya Baer  
Office of Public Utility Counsel (Residential Consumer, ex officio)

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

Terry Bulger  
(Unaffiliated)

Peter Cramton  
(Unaffiliated)

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

ERCOT, Inc.

Nick Fehrenbach  
City of Dallas  
(Commercial Consumer)

Kevin Gresham  
E.ON North America, 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)

Kenny Mercado  
CenterPoint Energy, Inc.  
(Investor-Owned Utility)

Karl Pfirrmann  
(Independent)

Carolyn Shellman  
CPS Energy  
(Municipal)

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

**Segment Alternates**

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

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

Amanda Frazier  
Luminant Generation Company, LLC  
(Independent Generator)

Mohsin Hassan  
VEH, LLC  
(Independent Retail Electric Provider)

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

Jennifer Richie  
City of Waco  
(Commercial Consumer)

Jackie Sargent  
Austin Energy  
(Municipal)

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

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