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
- 73,308 MW Record peak demand (July 19, 2018)
- 71,445 MW Weekend demand record (July 22, 2018)
- 78,000+ megawatts (MW) of expected capacity for peak demand as of May 2018
- 75% of load is competitive-choice customers — more than 7 million electric-service IDs (premises)
- 25 million consumers in the ERCOT region
- 610+ generating units, excluding PUNs and battery storage
- 46,500+ circuit miles of high-voltage transmission
- 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)
- 1,487 MW of utility-scale installed solar capacity as of June 2018
- 78,000+ of load is competitive-choice customers — more than 7 million electric-service IDs (premises)
- 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)
- 1,487 MW of utility-scale installed solar capacity as of June 2018

2017 Energy Use

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

- Natural Gas 38.8%
- Coal 32.2%
- Wind 17.4%
- Nuclear 10.8%
- Other* 0.8%

2017 Generation Capacity

- Natural Gas 53%
- Wind 22%
- Coal 17%
- Nuclear 5%
- Solar 1%
- Other* 1%

*Includes hydro and biomass

ERCOT, Inc.

August 2018
1,800+ active market participants that generate, move, buy, sell or use wholesale electricity.

7 million advanced meters
98.9% of ERCOT load settled with 15-minute interval data

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
(Independent)

Nick Fehrenbach
City of Dallas
(Commercial Consumer)

Karl Pfirrmann
(Independent)

Mahesh Basavan
(Independent)

Mohsin Hassan
VEH, LLC
(Independent Retail Electric Provider)

Judy Walsh
Vice Chair
(Independent)

Carolyn Shellman
CPS Energy
(Municipal)

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

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

Sam Harper
Chaparral Steel Midlothian, LP
(Industrial Consumer)

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

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

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

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

Jackie Sargent
Austin Energy
(Independent)

Rick Bluntzer
(Independent)

Carolyn Shellman
(Independent)

Karl Pfirrmann
(Independent)

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

Terry Bulger
(Independent)

Sam Harper
(Independent)

Amanda Frazier
Luminant Generation Company, LLC
(Independent)

Peter Cramton
(Independent)

Bill Magness
(Independent)

Mark Cochran
DC Energy Texas, LLC
(Independent)

August 2018

Segment Alternates

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

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

Amanda Frazier
Luminant Generation Company, LLC
(Independent Generator)

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

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