Quick Facts

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

Variable Generation

Wind Penetration record:
56.16 percent (Jan. 19, 2019)

Wind Generation record:
19,672 MW (Jan. 21, 2019)

- 22,051 MW of installed wind capacity, the most of any state in the nation.
- 1,858 MW of utility-scale installed solar capacity as of June 2019

Demand response resources include:
- Load resources
- Emergency response service (commercial and industrial)
- Utility load management programs

Annual Energy Information

2019 Generation Capacity
*Includes hydro, storage and biomass

- 52.4% Natural Gas
- 23.4% Wind
- 15.9% Coal
- 5.4% Nuclear
- 2.1% Solar
- 0.9% Other*

2018 Energy Use
376 billion kilowatt-hours of energy used in 2018, a 5 percent increase compared to 2017.

*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.

- 44.4% Natural Gas 167,205,565 MWh
- 24.8% Coal 93,249,395 MWh
- 18.6% Wind 69,796,019 MWh
- 10.9% Nuclear 41,124,921 MWh
- 1.3% Other* 5,007,950 MWh

ERCOT, Inc. August 2019
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 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 &  
Chief Executive Officer

Cheryl Mele  
Senior Vice President &  
Chief Operating Officer

Jerry Dreyer  
Senior Vice President &  
Chief Information Officer

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

Jeyant Tamby  
Senior Vice President and Chief Administrative 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)

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

Peter Cramton  
(Unaffiliated)

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

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  
(Unaffiliated)

Carolyn Shellman  
CPS Energy  
(Municipal)

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

Seth Cochran  
DC Energy Texas, LLC  
(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)

Jackie Sargent  
Austin Energy  
(Municipal)

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

Segment Alternates

Bill Berg  
Exelon Corporation  
(Independent Generator)

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

Connect with us:

www.ercot.com

ERCOT app

ERCOT, Inc.  
August 2019