

# **Fact Sheet**

November 2020

## The Electric Reliability Council of Texas (ERCOT)

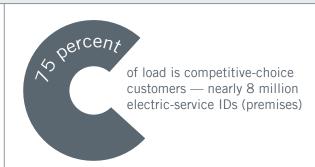
is a nonprofit organization that ensures reliable electric service for 90 percent of the state of Texas. The grid operator is regulated by the Public Utility Commission of Texas and the Texas Legislature.

#### **ERCOT** has four primary responsibilities:

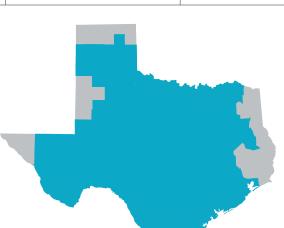
- Maintain system reliability.
- Facilitate a competitive wholesale market.
- Facilitate a competitive retail market.
- Ensure open access to transmission.



More than
26 million
customers in the
ERCOT region



- 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



- 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 October 2020, the most of any state in the nation
- 3,854 MW of utility-scale installed solar capacity as of October 2020
- 185 MW of installed battery storage as of October 2020

74,820 MW

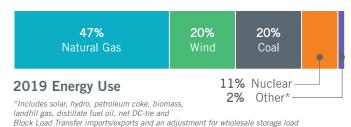
Record peak demand (Aug. 12, 2019)

73,821 MW

Weekend peak demand record (Aug. 15, 2020)

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





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.

### **FRCOT** 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

Jevant Tamby

Senior Vice President and Chief Administrative Officer

Sean Taylor

Vice President and Chief Financial Officer

www.ercot.com



ERCOT\_ISO



Electric Reliability
Council of Texas

Download the ERCOT app





#### **ERCOT** Board of Directors

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Vice Chair (Unaffiliated)

Terry Bulger (Unaffiliated)

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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)

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RWE Renewables Americas LLC (Independent Generator)

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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)