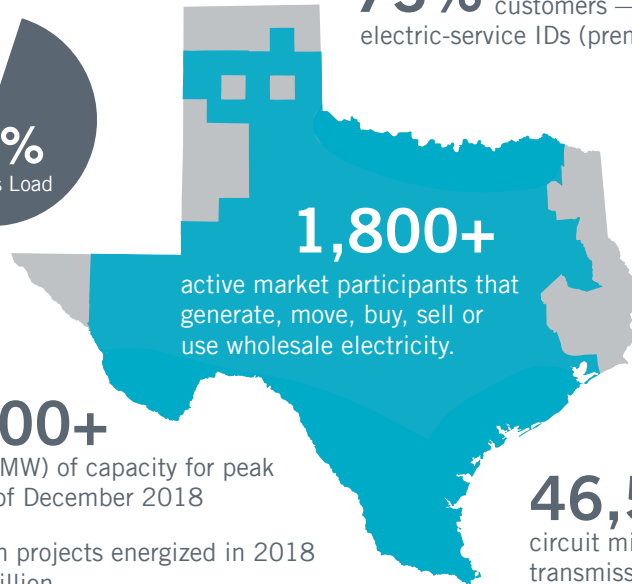
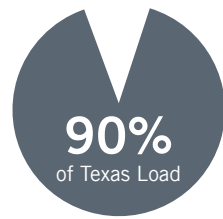


**ERCOT Region**

**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



**73,473 MW**

Record peak demand (July 19, 2018)

**71,445 MW**

Weekend peak demand record (July 22, 2018)

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

**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 March 2019

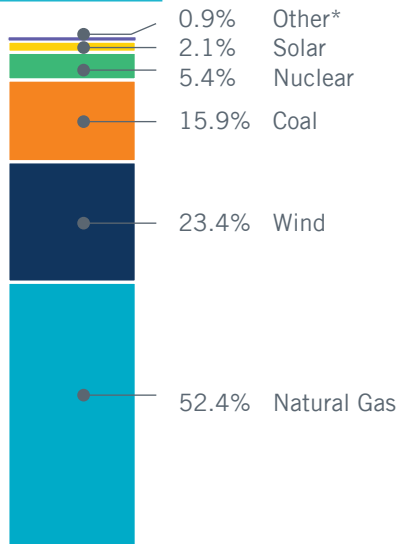
Demand response resources include:

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

**Annual Energy Information**

**2019 Generation Capacity**

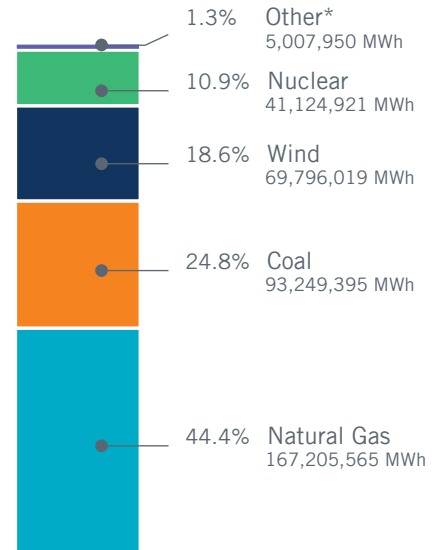
\*Includes hydro, storage and biomass



**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.



**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*

**Betty Day**

*Vice President, Governance,  
Risk and Compliance*

**Mike Petterson**

*Vice President and  
Chief Financial Officer*

**Jeyant Tamby**

*Senior Vice President and Chief  
Administrative Officer*

**Cheryl Mele**

*Senior Vice President &  
Chief Operating Officer*

**Theresa Gage**

*Vice President,  
External Affairs & Corporate  
Communications*

**Woody Rickerson**

*Vice President,  
Grid Planning and Operations*

**Jerry Dreyer**

*Senior Vice President &  
Chief Information Officer*

**Kenan Ögelman**

*Vice President,  
Commercial Operations*

**Chad Seely**

*Vice President, General Counsel and  
Corporate Secretary*

## ERCOT Board of Directors

**Craven Crowell**

*Chair  
(Unaffiliated)*

**Kevin Gresham**

*E.ON North America, LLC  
(Independent Generator)*

**Carolyn Shellman**

*CPS Energy  
(Municipal)*

**Seth Cochran**

*DC Energy Texas, LLC  
(Independent Power Marketer)*

**Judy Walsh**

*Vice Chair  
(Unaffiliated)*

**Sam Harper**

*Chaparral Steel Midlothian, LP  
(Industrial Consumer)*

**DeAnn T. Walker**

*Chair, Public Utility  
Commission of Texas  
(ex officio, non-voting)*

**Glen Lyons**

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

**Rick Bluntzer**

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

**Clifton Karnei**

*Brazos Electric Power  
Cooperative, Inc.  
(Cooperative)*

**Vacant**

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

**Jennifer Richie**

*City of Waco  
(Commercial Consumer)*

**Terry Bulger**

*(Unaffiliated)*

**Bill Magness**

*President and Chief Executive  
Officer, ERCOT (ex officio)*

### Segment Alternates

**Peter Cramton**

*(Unaffiliated)*

**Kenny Mercado**

*CenterPoint Energy, Inc.  
(Investor-Owned Utility)*

**Bill Berg**

*Exelon Corporation  
(Independent Generator)*

**Ned Ross**

*Direct Energy  
(Independent Retail  
Electric Provider)*

**Keith Emery**

*Tenaska Power Services Co.  
(Independent Power Marketer)*

**Karl Pfirrmann**

*(Unaffiliated)*

**Mark Carpenter**

*Oncor Electric Delivery Company  
(Investor-Owned Utility)*

**Jackie Sargent**

*Austin Energy  
(Municipal)*

**Nick Fehrenbach**

*City of Dallas  
(Commercial Consumer)*

**Mark Schwartz**

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

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Electric Reliability  
Council of Texas