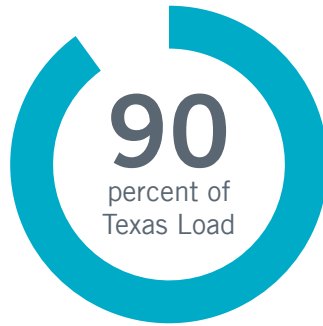


# Quick Facts

## 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



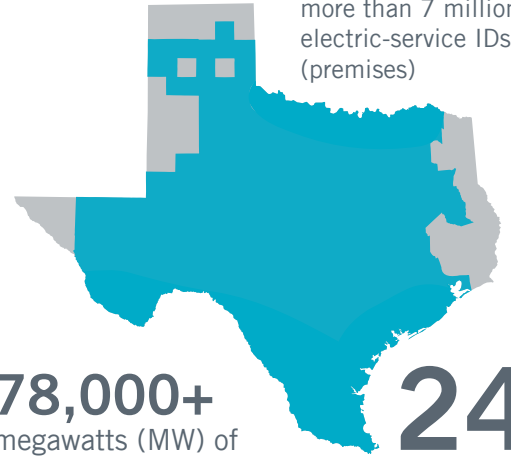
**71,110 MW**

Record peak demand  
(Aug. 11, 2016)

**68,368 MW** Weekend  
demand record (July 29, 2017)

**75%**

of load is competitive-choice customers — more than 7 million electric-service IDs (premises)



**78,000+**  
megawatts (MW) of  
expected capacity  
for peak

**24**

million consumers  
in the ERCOT region



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

**570+**  
generating units

**46,500+**  
circuit miles of high-voltage transmission

Endorsed transmission projects totalling \$890 million in 2017 (up from \$653 million in 2016)

Tracking 340 active generation interconnection requests totalling 67,915 MW (includes 29,411 MW of wind)

Projects energized in 2017 total about \$805.4 million.



**>20,100 MW** of installed wind capacity, the most of any state in the nation.

Wind Generation record:  
17,376 MW (January 11, 2018)

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

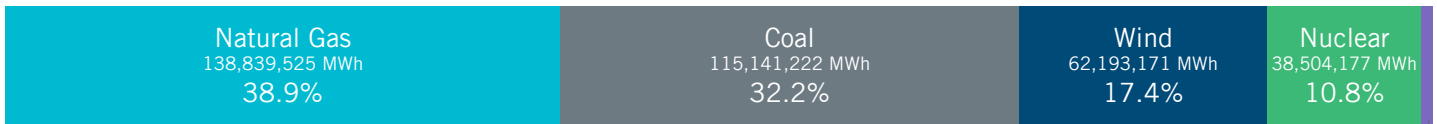


**1,000 MW** of utility-scale installed solar capacity as of December 2017

Solar capacity in queue:

2018: 923 MW

2019: 1,331 MW



## 2017 Energy Use

357 billion kilowatt-hours of energy used in 2017. 1.6 percent more than 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

Other\*  
2,701,242 MWh  
0.8%



## 2017 Generation Capacity

\*Includes solar, hydro and biomass

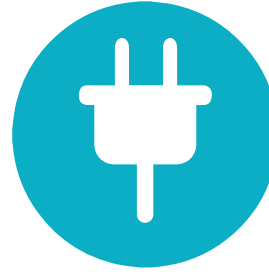
Other\*  
1.6%

**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



**Demand response resources include:**

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

**The Electric Reliability Council of Texas (ERCOT)** manages the flow of electric power to 24 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 570+ generation units. It also performs financial settlement for the competitive wholesale bulk-power market and administers retail switching for 7 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 Consumers,  
Ex-officio)

**Rick Bluntzer**  
Just Energy Texas LP  
(Independent Retail Electric  
Providers)

**Peter Cramton**  
(Unaffiliated)

**Keith Emery**  
Tenaska Power Services  
(Independent Power Marketers)

**Nick Fehrenbach**  
City of Dallas  
(Commercial Consumers)

**Kevin Gresham**  
E.ON Climate & Renewables  
(Independent Generators)

**Sam Harper**  
Chaparral Steel Midlothian LP  
(Industrial Consumers)

**Clifton Karnei**  
Brazos Electric Cooperative  
(Cooperatives)

**Bill Magness**  
President and Chief Executive  
Officer, ERCOT (Ex-officio)

**Kenneth Mercado**  
CenterPoint Energy Inc.  
(Investor-Owned Utilities)

**Karl Pfirrmann**  
(Unaffiliated)

**Carolyn Shellman**  
CPS Energy  
(Municipal Utilities)

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

**Vacant**  
(Unaffiliated)

**Segment Alternates**

**Mark Carpenter**  
Oncor  
(Investor-Owned Utilities)

**Seth Cochran**  
DC Energy Texas LLC  
(Independent Power Marketers)

**Amanda Frazier**  
Luminant Generation Company LLC  
(Independent Generators)

**Mohsin Hassan**  
VEH LLC  
(Independent Retail Electric  
Providers)

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

**Jennifer Richie**  
City of Waco  
(Commercial Consumers)

**Jacqueline A. Sargent**  
Austin Energy  
(Municipal Utilities)

**Mark Schwartz**  
Golden Spread Electric Cooperative  
(Cooperative)