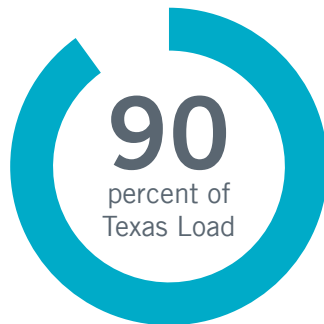


## Quick Facts

### 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



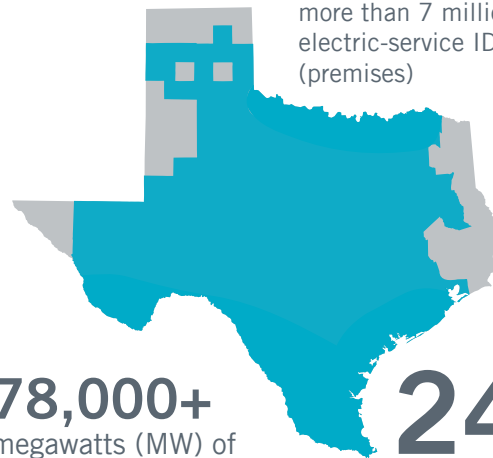
**71,110 MW**

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.

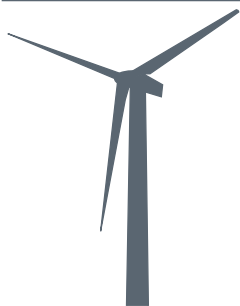
**570+**  
generating units

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

In 2016, \$2 billion in transmission development added to the ERCOT region.

1,266 circuit miles of transmission planned with \$5.6 billion under development over the next five years.

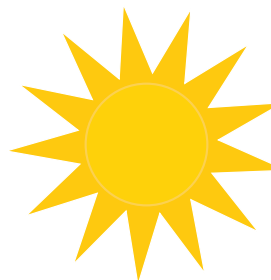
1,448 circuit miles of transmission improvements completed by market participants in 2016.



**>19,900 MW** of installed wind  
capacity, the most of any state in  
the nation.

Wind Generation record:  
16,141 MW (March 31, 2017)

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



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

Solar capacity in queue:  
2017: 109 MW  
2018: 791 MW

Natural Gas  
153,492,275 MWh  
43.7%

Coal  
101,107,061 MWh  
28.8%

Wind  
53,134,173 MWh  
15.1%

Nuclear  
42,090,729 MWh  
12%

Other\*  
1,699,114 MWh  
0.5%

### 2016 Energy Use

**351 billion kilowatt-hours** of energy used in 2016. 1.1 percent more than 2015.

\*Includes solar, hydro, petroleum coke, biomass, landfill gas and DC Ties

Natural Gas  
52%

Coal  
22%

Wind  
20%

Nuclear  
6%

Other\*  
1%

### 2016 Generation Capacity

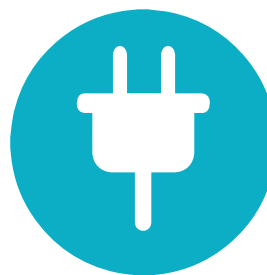
\*Includes solar, hydro and biomass

# 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)*

Peter Cramton  
*(Unaffiliated)*

Jack Durland  
*Valero Services Inc.  
(Industrial Consumers)*

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

Nick Fehrenbach  
*City of Dallas  
(Commercial Consumers)*

Clifton Karnei  
*Brazos Electric Cooperative  
(Cooperatives)*

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

Karl Pfirrmann  
*(Unaffiliated)*

Carolyn Shellman  
*CPS Energy  
(Municipal Utilities)*

Wade Smith  
*American Electric Power Corporation  
(Investor-Owned Utilities)*

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

Vacant  
*(Independent Retail Electric  
Providers)*

Vacant  
*(Unaffiliated)*

Vacant  
*(Independent Generators)*

### Segment Alternates

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

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

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

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

Mike Kezar  
*South Texas Electric Cooperative  
(Cooperative)*

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

Jennifer Richie  
*City of Waco  
(Commercial Consumers)*

Jackie Sargent  
*(Municipal Utilities)*