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

ERCOT Region

78,000+ megawatts (MW) of capacity for peak demand as of December 2018

Transmission projects energized in 2018 total $2.2 billion

<table>
<thead>
<tr>
<th>MW</th>
<th>Record peak demand (August 12, 2019)</th>
</tr>
</thead>
<tbody>
<tr>
<td>74,531*</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MW</th>
<th>Weekend peak demand record (August 11, 2019)</th>
</tr>
</thead>
<tbody>
<tr>
<td>71,864*</td>
<td></td>
</tr>
</tbody>
</table>

75% of load is competitive-choice customers — nearly 8 million electric-service IDs (premises)

650+ generating units, excluding PUNs

More than 25 million consumers in the ERCOT region

46,500+ circuit miles of high-voltage 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

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Generation Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.4%</td>
<td>Natural Gas</td>
</tr>
<tr>
<td>23.4%</td>
<td>Wind</td>
</tr>
<tr>
<td>15.9%</td>
<td>Coal</td>
</tr>
<tr>
<td>5.4%</td>
<td>Nuclear</td>
</tr>
<tr>
<td>2.1%</td>
<td>Solar*</td>
</tr>
<tr>
<td>0.9%</td>
<td>Other*</td>
</tr>
</tbody>
</table>

*Includes hydro, storage and biomass

2018 Energy Use

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

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Energy Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>44.4%</td>
<td>Natural Gas</td>
</tr>
<tr>
<td>24.8%</td>
<td>Coal</td>
</tr>
<tr>
<td>18.6%</td>
<td>Wind</td>
</tr>
<tr>
<td>10.9%</td>
<td>Nuclear</td>
</tr>
<tr>
<td>1.3%</td>
<td>Other*</td>
</tr>
</tbody>
</table>

*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*

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*

Woody Rickerson  
*Vice President, Grid Planning and Operations*

Chad Seely  
*Vice President, General Counsel and Corporate Secretary*

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 Fehenbach  
*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_ISO  
Electric Reliability Council of Texas

ERCOT, Inc.  
August 2019