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.

### 2023 Generating Capacity

Reflects operational installed capacity based on November 2022 CDR report for Summer 2023.

<table>
<thead>
<tr>
<th>Source</th>
<th>Natural Gas</th>
<th>Wind</th>
<th>Coal</th>
<th>Solar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent</td>
<td>41.8%</td>
<td>28.6%</td>
<td>10.8%</td>
<td>11%</td>
</tr>
</tbody>
</table>

The sum of the percentages may not equal 100% due to rounding.

*Other includes biomass and DC Tie capacity.

### 2022 Energy Use

*Other includes solar, hydro, petroleum coke (pet coke), biomass, landfill gas, distillate fuel oil, net DC-tie and Block Load Transfer imports/exports and an adjustment for wholesale storage load.

<table>
<thead>
<tr>
<th>Source</th>
<th>Natural Gas</th>
<th>Wind</th>
<th>Coal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent</td>
<td>42.6%</td>
<td>24.9%</td>
<td>16.6%</td>
</tr>
</tbody>
</table>

### Fact Sheet

October 2023

- **1,873+** active market participants that generate, move, buy, sell or use wholesale electricity
- **1,100+** generating units, including PUNs
- **52,700+** miles of high-voltage transmission
- **98,000+ MW** expected capacity for Summer 2023 peak demand
- **37,725 MW** of installed wind capacity as of July 2023, the most of any state in the nation
- **18,364 MW** of utility-scale installed solar capacity as of September 2023
- **4,048 MW** of installed battery storage as of September 2023
- **27,044 MW** wind generation record (May 29, 2022)
- **69.15%** wind penetration record (April 10, 2022)
- **13,811 MW** solar generation record (October 16, 2023)
- **32.93%** solar penetration record (April 30, 2023)
- **$3.3 billion** transmission projects endorsed in 2022

*Unofficial until settlements occur*

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

**85,464 MW** All-time peak demand record (August 10, 2023)

**85,116 MW** Weekend peak demand record (August 20, 2023)

More than 26 million customers in the ERCOT region

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

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 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 52,700 miles of transmission lines and 1,100 generation units, including Private Use Networks. ERCOT also performs financial settlement for the competitive wholesale bulk-power market and administers retail switching for more than 8 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.

In 1999, the Texas Legislature restructured the Texas electric market and assigned ERCOT four primary responsibilities:

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