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.

More than 26 million customers in the ERCOT region

90% percent of Texas Load

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

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)

*Unofficial until settlements occur

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

<table>
<thead>
<tr>
<th>Energy Source</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Gas</td>
<td>41.8%</td>
</tr>
<tr>
<td>Wind</td>
<td>28.6%</td>
</tr>
<tr>
<td>Coal</td>
<td>10.8%</td>
</tr>
<tr>
<td>Solar</td>
<td>11%</td>
</tr>
<tr>
<td>Hydro</td>
<td>0.5%</td>
</tr>
<tr>
<td>Other*</td>
<td>1.1%</td>
</tr>
<tr>
<td>Storage</td>
<td>2.2%</td>
</tr>
<tr>
<td>Nuclear</td>
<td>4%</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>Energy Source</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Gas</td>
<td>42.6%</td>
</tr>
<tr>
<td>Wind</td>
<td>24.9%</td>
</tr>
<tr>
<td>Coal</td>
<td>16.6%</td>
</tr>
<tr>
<td>Solar</td>
<td>6.2%</td>
</tr>
<tr>
<td>Hydro</td>
<td>1.1%</td>
</tr>
<tr>
<td>Other*</td>
<td>9.7%</td>
</tr>
</tbody>
</table>

$3.3 billion
transmission projects endorsed in 2022

Fact Sheet
August 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

17,040 MW
of utility-scale installed solar capacity as of July 2023

3,518 MW
of installed battery storage as of July 2023

27,044 MW
wind generation record (May 29, 2022)

69.15%
wind penetration record (Apr. 10, 2022)

13,086 MW
solar generation record (June 25, 2023)

32.93%
solar penetration record (April 30, 2023)
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.**

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September 2023