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>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>Storage</td>
<td>4%</td>
</tr>
<tr>
<td>Hydro</td>
<td>0.5%</td>
</tr>
<tr>
<td>Other*</td>
<td>1.1%</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>Storage</td>
<td>9.7%</td>
</tr>
<tr>
<td>Nuclear</td>
<td>32.93%</td>
</tr>
<tr>
<td>Other*</td>
<td>32.93%</td>
</tr>
</tbody>
</table>

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.

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

2. **85,464 MW** All-time peak demand record (August 10, 2023)

3. **85,116 MW** Weekend peak demand record (August 20, 2023)

*Unofficial until settlements occur

**Fact Sheet**
September 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 (April 10, 2022)
- **13,737 MW** solar generation record (September 1, 2023)
- **32.93%** solar penetration record (April 30, 2023)
- **$3.3 billion** transmission projects endorsed in 2022

*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.
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.

**State Leadership**
- Texas Legislature
- Public Utility Commission of Texas
- ERCOT Board of Directors
- Technical Advisory Committee
- Stakeholder Subcommittees

**ERCOT Board of Directors**
- Paul Foster, Chair - Director
- Bill Flores, Vice Chair - Director
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- Linda Capuano, Director
- Julie England, Director
- Robert "Bob" Flexon, Director
- Peggy Heeg, Director
- Courtney Hjaltman, Public Counsel
- Kathleen Jackson, PUCT Chairman - Non-Voting - Ex Officio
- John Swainson, Director
- Pablo Vegas, President and Chief Executive Officer
- Kathleen Jackson, PUCT Chairman – Non-Voting – Ex Officio

**ERCOT Executive Team**
- Pablo Vegas, President and Chief Executive Officer
- Kenan Ögelman, Vice President, Commercial Operations
- Jeyant Tamby, Senior Vice President, Chief Administrative Officer and Chief of Staff
- Jayapal Parakkuth, Vice President and Chief Information Officer
- Chad V. Seely, Senior Vice President and General Counsel
- Woody Rickerson, Senior Vice President and Chief Operations Officer
- Robert Black, Vice President, Public Affairs
- Mara Spak, Vice President, Human Resources
- Betty Day, Vice President, Security & Compliance and Chief Compliance Officer
- Sean Taylor, Vice President and Chief Financial Officer
- Kristi Hobbs, Vice President, System Planning & Weatherization
- Dan Woodfin, Vice President, System Operations

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September 2023