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 has four primary responsibilities:

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

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

<table>
<thead>
<tr>
<th>2021 Generating Capacity</th>
<th>2020 Energy Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>51.0% Natural Gas</td>
<td>45.5% Natural Gas</td>
</tr>
<tr>
<td>24.8% Wind</td>
<td>22.8% Wind</td>
</tr>
<tr>
<td>13.4% Coal</td>
<td>17.9% Coal</td>
</tr>
<tr>
<td>4.9% Nuclear</td>
<td>10.9% Nuclear</td>
</tr>
<tr>
<td>3.8% Solar</td>
<td>2.9% Other*</td>
</tr>
<tr>
<td>1.9% Other*</td>
<td></td>
</tr>
<tr>
<td>0.2% Storage</td>
<td></td>
</tr>
</tbody>
</table>

*Other includes hydro, biomass-fired units and DC tie capacity

Reflects operational installed capacity based on the December 2020 CDR report

*Other 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

382 billion kilowatt-hours of energy were used in 2020, a 0.6 percent decrease compared to 2019.
The Electric Reliability Council of Texas (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 46,500 miles of transmission lines and 710+ 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.

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