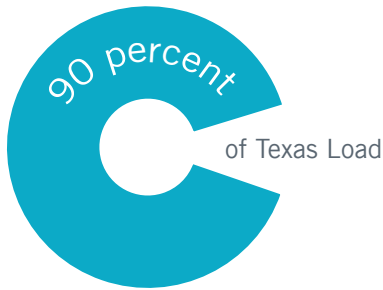


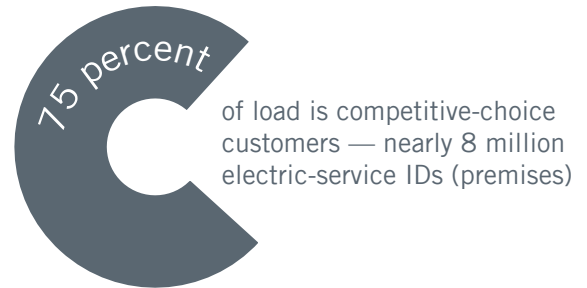
**The Electric Reliability Council of Texas (ERCOT)** is a nonprofit organization that ensures reliable electric service for 90 percent of the state of Texas. The grid operator is regulated by the Public Utility Commission of Texas and the Texas Legislature.

**ERCOT has four primary responsibilities:**

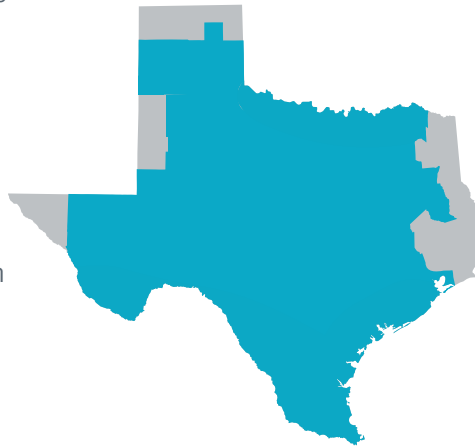
- Maintain system reliability.
- Facilitate a competitive wholesale market.
- Facilitate a competitive retail market.
- Ensure open access to transmission.



More than  
**26 million**  
customers in the  
ERCOT region



- 1,800+ active market participants that generate, move, buy, sell or use wholesale electricity
- 92,000+ MW of expected capacity for summer 2022 peak demand
- 1,030+ generating units, including PUNs
- Transmission projects endorsed in 2021 total \$2,498 million
- 52,700+ miles of high-voltage transmission
- Wind Generation record: 26,089 MW (April 9, 2022)



- Wind Penetration record: 69.15 percent (April 10, 2022)
- Solar Generation record: 9,001 MW (April 8, 2022)
- Solar Penetration record: 23.85 percent (March 19, 2022)
- 35,736 MW of installed wind capacity as of March 2022, the most of any state in the nation
- 11,325 MW of utility-scale installed solar capacity as of March 2022
- 1,681 MW of installed battery storage as of March 2022

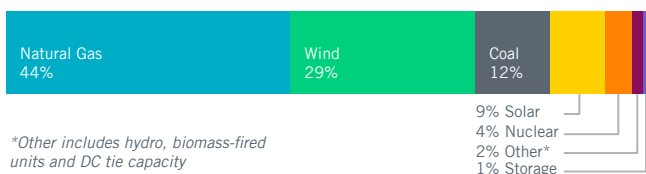
**74,820 MW**  
Record peak demand  
(Aug. 12, 2019)

**73,821 MW**  
Weekend peak demand record  
(Aug. 15, 2020)

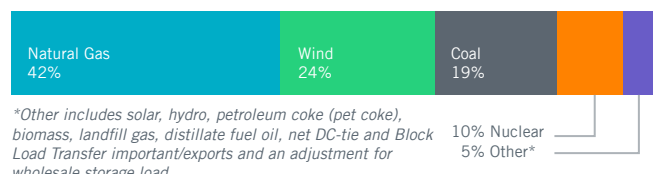
**1 MW of electricity** can power  
about 200 Texas homes during  
periods of peak demand.

**2022 Generating Capacity**

*Reflects operational installed capacity based on December 2021 CDR report for Summer 2022.*



**2021 Energy Use**



393 billion kilowatt-hours of energy were used in 2021, a 2.87 percent decrease compared to 2020.

**The Electric Reliability Council of Texas (ERCOT)** 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 52,700 miles of transmission lines and 1,030+ 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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Independent

**Peggy Heeg**  
Independent

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Interim Public Counsel Consumer-Residential Segment – Ex Officio

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**Zin Smati**  
Independent

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[www.ercot.com](http://www.ercot.com)

Download the ERCOT app



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Electric Reliability Council of Texas

April 2022