



Ercot power generation by source

The Texas Interconnection receives energy from various sources such as wind, solar, hydro, natural gas, coal, nuclear and more. While each ...

These dashboards offer a snapshot of current conditions in the ERCOT system. The timestamp on each indicates when the information was last updated. Click the Full View link on a dashboard for an ...

Up-to-the-hour information showing electricity demand and generation by source for 64 balancing authorities across the U.S. electric grid and hourly CO₂ emissions estimates

Find out the options for DG resources (10 MW or less) to interact with the ERCOT wholesale market and ISO.

Electric Reliability Council of Texas, Inc. (ERCOT) electricity demand by subregion 1/26/2026 - 2/2/2026, Central Time Data source: U.S. Energy Information Administration

View data on DC ties, generation outages, resource plan details and scheduled generation, and find forms to submit generation and outage data/requests.

As you can see from the chart above provided by ERCOT, natural gas makes up almost 45% of all power generation in Texas followed by wind ...

Supply and Demand is a graphical representation of the ERCOT system's current power supply (capacity) and demand using Real-Time data, as well as projected power supply (capacity) and ...

On Dec. 5, 2025, ERCOT announced the successful implementation of the first operating day of Real-Time Co-optimization Plus Batteries (RTC+B) in the ERCOT market.

Since 2023, wind and solar generation, especially utility-scale solar, have been the fastest-growing sources of electricity in ERCOT and are increasingly meeting rising demand.

As the Independent System Operator for the region, ERCOT schedules power on an electric grid that connects more than 54,100 miles of transmission lines and 1,250 generation units, ...

As part of an ongoing series, LCG Consulting produces the ERCOT Outlook, which outlines our findings from modeling the ERCOT electricity market based on the most likely transmission, generation, and ...

Combined Wind and Solar is a graphical representation of the most recent estimated wind and solar power production amounts for the Current Operating Day (COP).



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The map identifies critical infrastructure facilities in the state's electricity supply chain, including electric generation plants, natural gas facilities, and water and ...

As the independent system operator for the region, ERCOT schedules power on an electric grid that connects more than 54,100 miles of transmission lines and 1,250 generation units, including Private ...

Each point shows the share of total ERCOT generation supplied by thermal and dispatchable sources. The farther right, the greater the share of time these sources met at least half of ERCOT's demand ...

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