Wind power generation data of State Grid

Overview

Using three different sources of data and turbine power calculated for more than 126,000 sites in the United States, the toolkit provides powerful information for the next generation of wind energy development. Since 2020, wind energy generation in the U. While Texas is known for its oil derricks and natural gas pumps, wind turbines have become a major part of the state's landscape. Department of Energy Wind Energy Technologies Office's WINDExchange website serves as a hub of wind data for large and small wind energy projects alike, including those offshore. The comprehensive (and colorful) collection of wind. The American Public Power Association is the voice of not-for-profit, community-owned utilities that power approximately 2,000 towns and cities nationwide.

Wind power generation data of State Grid

Wind Energy by State , February 2026 , Choose Energy

Where does your state rank for wind energy production? The Choose Energy Wind Generation Report analyzes the latest information from the EIA to show you how much wind energy by state.

Mapped: U.S. Wind Electricity Generation by State

Mapping U.S. Wind Energy by StateWind Electricity Generation by State ComparedHow Does Wind Energy Work?Growing America's Wind Turbine CapacityThis was originally published on Ap, on Elements. Wind power is the most productive renewable energy source in the U.S., generating nearly half of America's renewable energy. But wind doesn't blow fairly across the nation, so which states are contributing the most to U.S. wind energy generation? This m...See more on decarbonization.visualcapitalist Author: Niccolo ConteElectricity Markets and Policy Group

Wind Energy Growth , Energy Markets & Planning

Texas continues to have the most wind power, accounting for over a quarter of

national capacity, while Iowa has the highest share of in-state ...

A Decade of U.S. Wind Growth

Climate Central's report, A Decade of Growth in Solar and Wind Power, analyzed U.S. solar and wind energy data from 2014 to 2023 for all 50 states and the District of Columbia. Download

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Real-time Operating Grid

Latest hourly electricity demand (U.S.) 2/2/2026 1 p.m. EST 565,786 megawatthours U.S. change in demand from prior hour as of 2/2/2026 1 p.m. EST (percent change) SWPP MISO CISO FPL BPAT PJM DUK SOCO ...

Maps and Data

Find maps and charts showing wind energy data and trends.

America's Electricity Generation Capacity, 2025 Update

A majority of all new generation capacity under development is for solar energy (55%), followed by wind (26%) and natural gas (11%). However, over two-thirds of the wind capacity is in the proposed stage, which is the ...

Mapped: U.S. Wind Electricity Generation by State

Record-breaking wind turbine installations in 2020 and 2021, primarily in the Central and Midwest regions, have increased U.S. wind energy generation by 30% to 135.1 GW. In 2020, the U.S. increased wind ...

Wind Energy Growth , Energy Markets & Planning

Texas continues to have the most wind power, accounting for over a quarter of national capacity, while Iowa has the highest share of in-state generation from wind, at 63%. For the number and size of new wind projects ...

U.S. wind power generation by state 2024, Statista

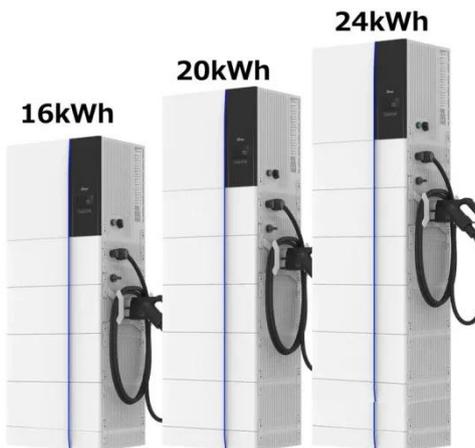Texas is by far the state with the highest wind energy production in the United

States. In 2024, Texas generated roughly 124.94 terawatt-hours of wind power. In total, the U.S. produced 454

U.S. States Electricity Data

List of electricity data aggregated by U.S. state. View number of power plants, total monthly generation, monthly generation by source, and monthly electricity sales revenue.

A database of hourly wind speed and modeled generation for US wind

The repository contains wind speeds and generation based on three different meteorological models: ERA5, MERRA2, and HRRR. Data are publicly accessible in simple csv files.

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