



Where are the areas where wind power is generated



Overview

Favorable sites include the tops of smooth, rounded hills; open plains and water; and mountain gaps that funnel and intensify wind. Wind speeds are generally higher the greater the distance above the earth's surface. Operating a wind power plant is more complex than simply erecting wind turbines in a windy area. Data source: Energy Institute - Statistical Review of World Energy (2025) – Learn more about this data
Note: CIS (Commonwealth of Independent States) is an organization of ten post-Soviet republics in Eurasia following break-up of the Soviet Union. The comprehensive (and colorful) collection of wind. The Global Wind Power Tracker (GWPT) is a worldwide dataset of utility-scale, on and offshore wind facilities. It includes wind farm phases with capacities of 10 megawatts (MW) or more. A wind project phase is generally defined as a group of one or more wind turbines that are installed under one. Wind power and its synonym wind energy are terms that refer to electricity that has been generated by harnessing the power of wind, as opposed to other methods such as solar panels or the burning of fossil fuels. 4 terawatt-hours were generated by wind power, or 10.48% of electricity in the United States.



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Wind energy generation by region

About this data Electricity generation from wind power Figures are based on gross generation and do not account for cross-border electricity supply.

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Where wind power is harnessed

Favorable sites include the tops of smooth, rounded hills; open plains and water; and mountain gaps that funnel and intensify wind. Wind speeds are generally higher the greater the ...

Wind Power Numbers | WindEurope

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