

Wind power and photovoltaic power generation data



Overview

As renewable energy continues its rapid expansion in the United States, multi-decadal hourly datasets of electricity production are needed to assess reliability and resource adequacy of power grids.

Wind power and photovoltaic power generation data



Windy: Wind map & weather forecast

Worldwide animated weather map with layers, precise forecasts, METAR, TAF, NOTAMs for airports, SYNOP codes from stations and buoys, and forecast models.

[A Multi-Decadal Hourly Coincident Wind and Solar Power](#)

We present a new wind and solar dataset that uses regional atmospheric climate



Electric Power Monthly

EIA's free and open data available as API, Excel add-in, bulk files, and widgets

[Renewable electricity - Renewables 2025 - Analysis](#)

For solar PV, wind and bioenergy for power, deployment has been revised downwards. Solar PV accounts for over 70% of the absolute reduction, mainly



[A Decade of Growth in Solar and Wind Power: Trends Across the U.S.](#)

This report uses data from the EIA to analyze solar and wind capacity and generation

[A Multi-Decadal Hourly Coincident Wind and Solar Power Production](#)

As renewable energy continues its rapid expansion in the United States, multi-decadal hourly



Windy: Wind map & weather forecast

Windy provides real-time wind maps and accurate weather forecasts with user-friendly layers and precise spot forecasts.

Windy: Wind map & weather forecast

Weather radar, wind and waves forecast for kites, surfers, paragliders, pilots, sailors and anyone else. Worldwide animated weather map, with easy to use layers and precise spot forecast.



Windy: Wind map & weather forecast

Awesome weather forecast at WOW it appears that you are offline :- (

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