

# Wind power and photovoltaic power generation data



## Overview

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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

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### **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 :- (

## **Contact Us**

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