



# Solar and wind power generation data

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This dataset contains time-series data for analyzing and predicting wind and solar power generation. The data comes from wind farms and photovoltaic power plants in a certain location, ...

We expect the combined share of generation from solar power and wind power to rise from about 18% in 2025 to about 21% in 2027. In our STEO forecast, utility-scale solar is the fastest ...

Global operating capacity increased by 14% in 2024, as at least 240 gigawatts (GW) of utility-scale solar and wind came online. Despite their 45% share of global gross domestic product ...

This dataset contains monthly capacity data for wind and solar, including both total installed capacity as well as month-on-month and year-to-date additions. It covers 25 countries ...

Weight of solar and wind in electricity production data. Data for solar and wind renewable energies in electricity production available in a map and excel file by country level.

It is provided by the World Bank Group as a free service to governments, developers and the general public, and allows users to quickly obtain data and carry out a simple electricity output calculation for ...

As part of the PERFORM project, NREL has produced a set of time-coincident load, wind, and solar generation profiles, including actual and forecasted timeseries data.

For solar PV, wind and bioenergy for power, deployment has been revised downwards. Solar PV accounts for over 70% of the absolute reduction, mainly from utility-scale projects, while offshore ...

In this paper, an open dataset consisting of data collected from on-site renewable energy stations, including six wind farms and eight solar stations in China, is provided. Over two years...

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200



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geographies. You can find more about Ember's methodology in this ...

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