World Solar Power Data

Overview

The Global Solar Power Tracker is composed of worldwide facility-level data on utility-scale (1 MW+) solar photovoltaic (PV) and solar thermal facilities, as well as country-aggregated distributed (<1 MW) solar PV data. Welcome to Global Solar Atlas v2. Start exploring solar potential by clicking on the map. Calculate energy production for selected sites. We. Ember (2026); Energy Institute - Statistical Review of World Energy (2025) – with major processing by Our World in Data This dataset contains yearly electricity generation, capacity, emissions, imports and demand data for European countries. The utility-scale data covers all operating solar farm phases with capacities. Values displayed in megawatts (MW), a unit of measurement equivalent to 1 million watts (or 1,000 kilowatts). Solar power is clean, green, inexpensive, and renewable energy that is produced when sunlight strikes human-made solar cells and is subsequently converted into electricity.

Article Content

Solar power generation, 2025

Most of the data is taken from the European Commission''s Eurostat annual data. This dataset contains yearly electricity generation, ...

Solar PV

Find up-to-date statistics and facts on the global solar photovoltaic industry.

Solar energy status in the world: A comprehensive review

A comparison of the solar power status among countries and territories has been provided, considering their concentrated solar power and PV installed capacities for each ...

Global Solar Atlas

The Global Solar Atlas is the standard pre-feasibility tool for solar energy development worldwide. Developed by the World Bank Group and produced by Solargis, it maps solar irradiation and ...

NASA POWER | Data Access Viewer (DAV)

NASA POWER provides solar and meteorological data from satellite observations and models to help worldwide users respond to challenges and societal needs.

Renewable energy statistics 2025

Newsletter The International Renewable Energy Agency (IRENA) produces comprehensive, reliable datasets on renewable energy capacity and use worldwide. Renewable energy ...

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Contact Us

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