

Solar power plant data



Overview

The Global Solar Power Tracker consists of worldwide facility-level data on utility-scale solar power facilities, as well as country-aggregated distributed solar data. 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. Open Power System Data is a free-of-charge data platform dedicated to electricity system researchers. We collect, check, process, document, and publish data that are publicly available but currently inconvenient to use. Caution: The "Primary Fuel" is the fuel that has been identified to provide the largest portion of generated electricity for the plant or has been identified as the primary fuel by the data source. For power plants that have data in. Here are some open-source datasets related to solar energy along with their links: National Renewable Energy Laboratory (NREL) Solar Radiation Data: This dataset includes solar radiation and related climatic data for locations in the United States and its territories. The data is collected by NREL.



Article Content

Global Power Plant Database

The Global Power Plant Database is a comprehensive, open source database of power plants around the world. It centralizes power plant data to make it easier to navigate, compare, and draw insights

Utah's governor says giant data center will "never" be powered ...

The world's largest data center was supposed to run on 100% natural gas. Utah's Republican governor says "never." Governor Spencer Cox says nuclear, geothermal, and solar power

Electricity Monthly Update

Financial market analysis and financial data for major energy companies. Energy & Financial Markets: What Drives Crude Oil Prices? Greenhouse gas data,

Open Power System Data - A platform for open data of the European

The platform provides data on installed generation capacity by country/technology, individual power plants (conventional and renewable), and time series data. The latter includes electricity

Global high-resolution mapping of photovoltaic power plants from 2019 ...

Accurate mapping of photovoltaic (PV) power plants is critical for monitoring the development of solar energy generation and supporting PV operational management, policy-making,

Preliminary Monthly Electric Generator Inventory (based on Form EIA ...

The list is available on the Retired tab of the datafile. Starting with March 2018 data, the Preliminary Monthly Electric Generator Inventory also includes data from Puerto Rico for existing, retired, and

SpaceX files plans for million-satellite orbital data center ...

SpaceX is seeking FCC approval for a satellite constellation of unprecedented scale intended to function as an orbital data center.

Historical State Data

Correct the reported prime mover for New Orleans Power (Plant 60928) from combustion (natural gas) turbine (GT) to internal combustion engine (IC) Correct the reported 2022 gross

Global Power Plant Database

Generation is provided at the year scale for the years 2013-2017. The generation values may correspond to a calendar year or a fiscal or regulatory year; no distinction is provided in the

STEO Data Browser

Includes hydropower, solar, wind, geothermal, biomass and ethanol. Uranium fuel, nuclear reactors, generation, spent fuel. Comprehensive data summaries, comparisons, analysis, and

2026 Guide to Balcony & Plug-In Solar | Solar

Are completely portable, meaning you can take your “power plant” with you when you move. Treating solar like a toaster oven: New 2026 legislation

Photovoltaic potential and solar resource maps of Canada

Photovoltaic potential and solar resource maps of Canada This web mapping application gives estimates of photovoltaic potential (in kWh/kWp) and of the

Solar Market Insight Report – SEIA

US Solar Market Insight is a quarterly publication of Wood Mackenzie and the Solar Energy Industries Association (SEIA).

Global Solar Power Tracker

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Global Solar Atlas

The Global Solar Atlas provides a summary of solar power potential and solar resources globally.

Wiki-Solar's database of solar parks, solar farms and utility-scale ...

We hold information on most of the utility-scale solar photovoltaic power plants in operation around the world and many of those under development, where they meet our criteria.

Battery Storage Costs Hit Record Lows as Costs of Other Clean Power ...

New York, February 18, 2026 – Clean power costs sent mixed signals in 2025. According to BloombergNEF's Levelized Cost of Electricity 2026 report, the cost of battery storage projects

Major Solar Projects List – SEIA

The Major Solar Projects List is a database of all ground-mounted solar projects, 1 MW and above, that are either operating, under construction or under development. The list is for

Charlie5DH/Solar-Power-Datasets-and-Resources

PV-Live: This dataset provides real-time data on solar energy generation in the United Kingdom. It includes data on the total amount of solar energy generated, as well as data on individual solar

Electricity

The cost data for certain generation technologies were omitted to avoid disclosure of individual company data. EIA expects to publish construction cost data for generators installed in

Renewable Energy UAE Solar & Energy Solutions

Positive Zero's distributed generation business is the region's largest provider of decentralized solar power and on-site utilities infrastructure. Businesses can

A Global Database of Power Plants

The Global Power Plant Database is a comprehensive, open source database of power plants around the world. It centralizes power plant data to make it easier to navigate, compare and

A Complete Guide to Commercial and Industrial Solar

Commercial and industrial solar panels offer a powerful solution to rising electricity costs, power instability, and environmental concerns. Whether

Renewable Energy Bids, RFPs & Government Contracts | Find RFP

Renewable Energy Bids, RFPs & Government Contracts in Renewable, Solar and Wind Energy Find RFP searches and finds Renewable energy bids, contracts, and request for proposals.

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