Wind turbine generator power data

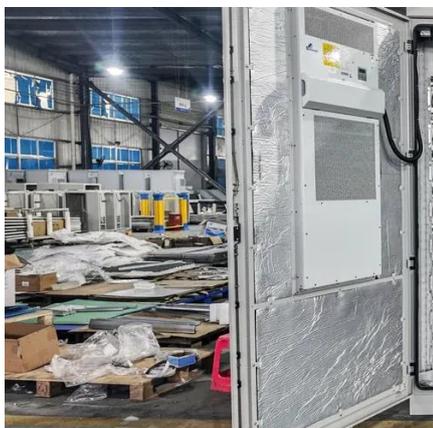IWAP OPTOELECTRONICS - Professional Energy Solutions

Overview

Our database provides direct and immediate access to information about regions, countries, manufacturers, types and numbers of turbines, hub heights, MWs/GWs, developers, operators, owners, and commissioning dates. The creation of this database was jointly funded by the U. Department of Energy. The Wind Power is a comprehensive database of detailed raw statistics on the rapidly growing sphere of wind energy and its supporting markets. It includes wind farm phases with capacities of 10 megawatts (MW) or more. This includes both onshore and offshore wind sources.

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Wind turbine generator power data

The Wind Power

The Wind Power is a comprehensive database of detailed raw statistics on the rapidly growing sphere of wind energy and its supporting markets. It containts data about wind farms, turbines, manufacturers, developers, ...

GitHub

Repository of openly available wind turbine SCADA datasets with high-level descriptions, reusable data loaders for convenient CSV import, and a platform for documenting insights related to data quality and malfunctions.

Global Wind Atlas

The Global Wind Atlas is a free, web-based application developed to help policymakers, planners, and investors identify high-wind areas for wind power generation virtually anywhere in the world, and then perform ...

Wind power generation, 2025

Annual electricity generation from wind is measured in terawatt-hours (TWh) per year. This includes both onshore and offshore wind sources.

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U.S. Wind Turbine Database

The U.S. Wind Turbine Database (USWTDB) provides the locations of land-based and offshore wind turbines in the United States, corresponding wind project information, and turbine technical specifications.
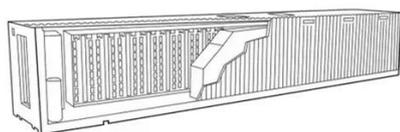
Wind Power Database · IEEE Task Force on Data Sharing in Energy Systems

This database provides direct and immediate access to information about regions, countries, manufacturers, types and numbers of turbines, hub heights, MWs/GWs, developers, operators, owners, and commissioning ...

Wind Energy Factsheet

Horizontal axis wind turbines (HAWT) are the predominant design, featuring blades (usually three) symmetrically mounted to a hub connected via a shaft to a gearbox and generator.

Wind turbines database

All manufactureres Rated power (kW 0 - 20000) View legend Power data Models Pictures Files Marketplace / Offers 2-B Energy 2B6 6,00 MW view wind turbine
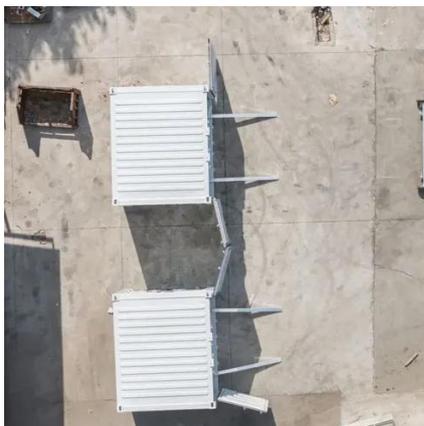

Wind-Turbine-Dataset , IEEE DataPort

The Wind Power Technology Dataset is a comprehensive collection of data related to wind energy generation technology. This dataset encompasses a wide range of information, including meteorological ...

Global Wind Power Tracker

The Global Wind Power Tracker (GWPT) is a worldwide dataset of utility-scale, on and offshore wind facilities. It includes wind farm phases with capacities of 10 megawatts (MW) or more.

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https://iwap.com.pl
Phone: +34 919 456 782
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