

Renewable energy datasets



Overview

Explore the data, maps, models, and tools hosted on the NLR website in our alphabetical listing. Many of these resources are offered publicly to support an affordable and secure energy future. Explore . Renewables 2024 includes a data dashboard which enables users to explore historical data and forecasts for the electricity, renewable fuels, biofuels for transport and renewable heat. Renewables 2024 dataset gives full access to all the data in Excel format, plus additional premium data for the . The U. Department of Energy's (DOE's) open data initiatives are managed by the Office of the Chief Information Officer (OCIO) who works collaboratively across Headquarters Offices and Programs, Power Marketing Administrations, National Laboratories, Field Sites, and Plants to increase the . Enabling research, collaboration, and transparency by providing open access to energy data and information. Both actuals and forecasts are provided with high temporal and spatial fidelity, and the forecast data includes both deterministic . We present a comprehensive global temporal dataset of commercial solar photovoltaic (PV) farms and onshore wind turbines, derived from high-resolution satellite imagery analyzed quarterly from the fourth quarter of 2017 to the second quarter of 2024.

Renewable energy datasets



IRENA SIDS lighthouses initiative 2

The International Renewable Energy Agency (IRENA) is an intergovernmental organisation that supports countries in their transition to a sustainable energy future, and serves as the principal

Data and Tools , NLR

NLR develops data sets, maps, models, tools, and software for the analysis and development of advanced energy technologies. Many of these



Renewables 2024 Dataset

Renewables 2024 includes a data dashboard which enables users to explore historical data and forecasts for the electricity, renewable fuels, biofuels

Search

A World of Renewables The Global Atlas for Renewable Energy (Global Atlas) aims to close the gap between countries with access to the datasets, expertise and financial support to evaluate their



The IRENA Global Atlas for Renewable Energy Launch of the

The Global Atlas facilitates access to renewable resource data, analysis and methods in order to

accelerate the initiation and development of a broader range of renewable energy projects.

GLOBAL ATLAS FOR RENEWABLE ENERGY INITIATIVE

ABOUT IRENA The International Renewable Energy Agency (IRENA) serves as the principal platform for international co-operation, a centre of excellence, a repository of policy, technology, resource and



Overview of Solar and Wind Maps

The Global Atlas for Renewable Energy (Global Atlas) is an initiative coordinated by IRENA, aimed at closing the gap between nations having access to the necessary datasets, expertise and financial

Country Rankings

Country Rankings This dashboard ranks countries/areas to their renewable energy power capacity or electricity generation. The data can be further refined based on region, technology or year of interest.



IRENA - International Renewable Energy Agency

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Open Energy Data

The Department of Energy (DOE) FY21-25 Geospatial Data Management Strategy establishes a framework for advancing geospatial data activities across the Department and ensuring compliance

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