

Utilization of solar power generation sites



Overview

Find and download resource map images and data for North America, the contiguous United States, Canada, Mexico, and Central America. California Distributed Generation Statistics (DGStats) is the California Public Utilities Commission's official public reporting site of all distributed generation projects that are on a customer's site or property in California's investor-owned utility service territories. DGStats will soon grow . Explore solar resource data via our online geospatial tools and downloadable maps and data sets. front-of-the-meter, photovoltaic facilities, direct current capacity of 1 megawatt or more, that became operational before mid-2024. California leads as the top solar state. With over 55 GW of solar installed, enough energy to power over 16 million homes.

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Viewer , USPVDB

The U.S. Solar Photovoltaic Database (USPVDB) provides the locations and array boundaries of U.S. front-of-the-meter, photovoltaic facilities, direct current capacity of 1 megawatt or more, that became

Spring 2024 Solar Industry Update

Energy generation from renewables continued its steady upward trend, as a result of increases in solar generation (and despite a drop in wind and hydro generation).



[Land Requirements for Utility-Scale PV: An Empirical Update on](#)

Abstract-The rapid deployment of large numbers of utility-scale photovoltaic (PV) plants in the United States, combined with heightened expectations of future deployment, has raised concerns about land

Global Solar Atlas

Welcome to the Global Solar Atlas. Start exploring solar potential by clicking on the map. Select sites, draw rectangles or polygons by clicking the respective map controls. Calculate energy production for



CaliforniaDGStats



Solar power generation, 2025

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Solar explained

An introduction to solar energy resources with maps showing U.S. solar radiation resources, global solar radiation resource, and solar electricity generation from utility-scale solar and



DGStats will soon grow to include different types of renewable energy generation. "Behind-the-meter" facilities' energy generation can be used directly by the customer, with any remainder being sent to



[Solar Resource Data, Tools, and Maps](#), [Geospatial Data Science](#), NLR

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America's Electricity Generation Capacity, 2025 Update

Solar is the leading resource for permitted plants, accounting for more than 70% of the 78,039 MW of permitted generation capacity. Wind and natural gas account for another quarter of capacity in this

Solar State By State - SEIA

California leads as the top solar state. With over 55 GW of solar installed, enough energy to power over 16 million homes. Texas has the fastest growing solar economy with the largest utility-scale solar and



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