



Solar PV Sites





Overview

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 operational before mid-2024.

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Where are opportunities to install community solar and resilience centers?

Find eligible sites for community solar and resilience center projects in your local area with the map tool below. Eligible sites are publicly owned or community oriented institutional facilities with existing buildings.

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 operational before mid-2024. The USPVDB Viewer lets you discover, visualize, and interact with.

The U.S. Solar Photovoltaic Manufacturing Map shows only active manufacturing sites that contribute to the solar photovoltaic supply chain. It details their nameplate capacities, or the full amount of potential output at an existing facility, where known. This does not imply that these facilities.

There are more than 8,200 major solar projects currently in the database, representing over 347 GWdc of capacity. There are over 1,350 major energy storage projects currently in the database, representing more than 108,000 MWh of capacity. The list shows that there are more than 185 GWdc of major.

The U.S. Geological Survey (USGS) and the U.S. Department of Energy's (DOE) Lawrence Berkeley National Laboratory (LBNL) released the largest and most comprehensive database to date on large-scale solar energy projects in the United States. The U.S. Large-Scale Solar Photovoltaic Database (USPVDB).

All large-scale solar energy facilities can now be found on a single map thanks to a collaboration between the U.S. Geological Survey and the U.S. Department of



Energy's Lawrence Berkeley National Laboratory. The interactive map is based on the United States Large-Scale Solar Photovoltaic Database.



Solar PV Sites



Viewer , USPVDB

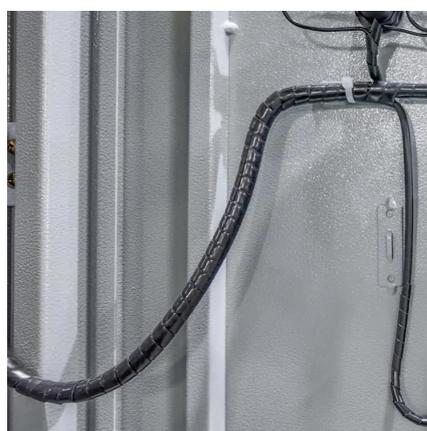
The U.S. Solar Photovoltaic Database (USPVDB) provides the locations and array boundaries of U.S. front-of-the-meter, photovoltaic facilities, direct current capacity of 1 megawatt or more, ...

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[Large-Scale Solar Siting Resources , Department of Energy](#)

Deciding where solar projects will be installed is one of the very first decisions to be made in a project development timeline. Explore the many factors to consider when selecting a site.

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Solar Manufacturing Map

This map provides information about all of the solar photovoltaic (PV) manufacturing facilities in the United States and how they contribute to ...

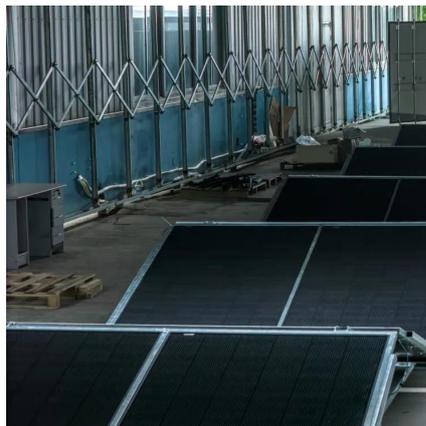
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Solar Manufacturing Map

This map provides information about all of the solar photovoltaic (PV) manufacturing facilities in the United States and how they contribute to the solar supply chain.

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Map , LA Community Solar Opportunity Map

Find eligible sites for community solar and resilience center projects in your local area with the map tool below. Eligible sites are publicly owned or community oriented institutional facilities ...

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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 ...

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New database maps large-scale solar



projects across the country

The USPVDB is a comprehensive dataset of U.S. large-scale solar PV energy project locations and characteristics that makes the data easier to access and more accurate ...

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Major Solar Projects List - SEIA

There are over 1,350 major energy storage projects currently in the database, representing more than 108,000 MWh of capacity. The list shows that there are more than 185 ...

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Many of the world's biggest and most productive photovoltaic stations and farms are located in the United States. The nation boasts dozens of solar PV plants whose capacity exceeds 200 ...

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U.S. Government Unveils Database, Interactive Map of All U.S.

All large-scale solar energy facilities can now be found on a single map thanks to a collaboration between the U.S. Geological Survey and the U.S. Department of Energy's ...

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Scan and compare hundreds of potential sites with Solargis Prospect. Get an in-depth analysis of sites with the best solar potential.

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