

This map contains multiple layers showcasing solar infrastructure within the US. The map visualizes solar power plants, electric power transmission lines, and the photovoltaic (PV) ...

In this, the 2023 edition of this report, we present new estimates of the technical potential for land-based wind and solar photovoltaics (PV) for the contiguous United States (CONUS). We also provide cost ...

The North America solar PV market was valued at USD 45.4 billion in 2025 and is projected to grow at a CAGR of 6.3% from 2026 to 2035, driven by rising decentralized and off-grid solar installations.

By grid type, on-grid installations held 96.12% of the North America solar photovoltaic market share in 2025, while off-grid systems are advancing at a 21.30% CAGR through 2031 as ...

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In the last decade, solar has grown with an average annual rate of 26 percent, reaching a capacity of over 138 gigawatts in 2023. In that same year, solar energy accounted for 55 percent of ...

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 ...

Solar accounted for 58% of all new electricity-generating capacity added to the US grid through the third quarter of 2025, with more than 30 GW installed. Solar and storage, combined, ...

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 ...

The PV power systems market is defined as the market of all nationally installed (terrestrial) PV applications with a PV capacity of 40 W or more. A PV system consists of modules, inverters, ...

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