

Global solar power generation scale



Overview

TL;DR: Solar energy has become the world's fastest-growing electricity source, with global installed capacity exceeding 1,400 GW in 2024 and generation surpassing 1,300 TWh annually.

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[How supply chains need to adapt to a shifting global landscape](#)

Global supply chains face rising geopolitical fragmentation and economic divergence, driving four plausible outlooks, from multilateral cooperation to full degradation.

[Global firms need to build geopolitical muscle. Here's how](#)

A new report, Building Geopolitical Muscle, examines how global firms are institutionalizing geopolitics as an organizational capability and embedding it in decision-making. The



Solar PV

Find up-to-date statistics and facts on the global solar photovoltaic industry.

[Solar Energy: Global Capacity and Growth Trends](#)

Solar energy is the fastest-growing electricity source globally. Explore installed capacity, cost trends, top countries, technology types, and



Global solar energy outlook

In the last few years, solar energy has been the main driver for renewable energy growth worldwide. In 2024, solar photovoltaic capacity

[Renewable electricity - Renewables 2025 - Analysis](#)

Growth in utility-scale and distributed solar PV more than doubles, representing nearly 80% of worldwide renewable electricity capacity expansion. Low module costs, relatively efficient permitting processes



How small businesses can navigate global trade in an era of polycrisis

Small businesses can unlock global trade with better data, finance, and digital tools-driving inclusive growth despite persistent barriers.

[The global economy enters a new era , World Economic Forum](#)

The global economic system under which most countries have operated for the last 80 years is being reset, ushering the world into a new era. Existing rules are challenged while new ones



[Executive summary - Renewables 2025 - Analysis](#)

Solar PV accounts for almost 80% of the global increase, followed by wind, hydropower, bioenergy and geothermal. In more than 80% of countries

[ASEAN is turning global tensions into regional opportunities](#)

In a time of fragmentation, ASEAN stands out as a rare economic bright spot because it's leveraging global uncertainty into a strategic advantage.





[Global Market Outlook for Solar Power 2025-2029](#)

Global solar installations reached nearly 600 GW - an impressive 33% increase over the previous year - setting yet another record. Solar accounted for 81% of all new renewable energy

[In charts: 7 global shifts defining 2025 so far, World Economic Forum](#)

2025 has been marked by significant global shifts, including increased geopolitical instability, the accelerating impact of AI and a changing labour market.



Global wind and solar 2025: The G7 gap

The growth trend of the prospective wind and utility-scale solar pipeline is critical for meeting the COP28 commitment to triple renewable energy capacity by 2030,

Global Risks Report 2026

The Global Risks Report 2026, the 21st edition of this annual report, marks the second half of a turbulent decade. The report analyses global risks through three timeframes to support



[Solar energy status in the world: A comprehensive review](#)

A comparison of the solar power status among countries and territories has been provided, considering their concentrated solar power and PV installed capacities for each continent.

[The global price tag of war in the Middle East](#)

The Iran war's cascading economic fallout is radiating well beyond the Persian Gulf and the wider Middle East, reshaping markets and supply chains potentially for years to come.



[Global Risks Report 2025 , World Economic Forum](#)

The Global Risks Report 2025 analyses global risks to support decision-makers in balancing current crises and longer-term priorities.

[Why we need innovative funding models for global health](#)

Global health gains are at risk. New funding models, regional systems and delivery innovation are vital to build resilient, equitable healthcare worldwide.



[The Outlook for Global Solar Energy Continues to Be](#)

Policymakers in some of the world's largest economies are reducing support for solar power generation. Even so, Goldman Sachs Research expects

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