

# **World solar report 2025**





## Overview

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Global Market Outlook for Solar Power 2025–2029 provides an in-depth forecast and analysis of the global solar power sector, with a special focus on India's rapid growth and emerging role as the world's third-largest solar market.

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This edition of the Global Energy Review is the first comprehensive depiction of the trends that took place in 2024 across the entire energy sector, covering data for all fuels and technologies, all regions and major countries, and energy-related carbon dioxide (CO<sub>2</sub>) emissions. The latest data.

The IEA-PVPS 2025 Snapshot of Global PV Markets reveals a pivotal moment for solar power: global PV capacity surpassed 2.2 TW, with more than 600 GW installed in 2024 alone. As module prices fell due to oversupply, installation volumes continued to grow, highlighting both the strength and. What is the 2025 Global Solar report?

The 2025 Global Solar Report draws upon 193 GWdc of utility-scale and commercial and industrial (C&I) solar PV analysis, with 67 GWdc of analysis in 2024 alone. In this report, you will find research into site work automation and resource deployment, anomaly and defect trends, and performance benchmarks across different markets and asset classes.

What happened to solar power in 2025?

The IEA-PVPS 2025 Snapshot of Global PV Markets reveals a pivotal moment



for solar power: global PV capacity surpassed 2.2 TW, with more than 600 GW installed in 2024 alone. As module prices fell due to oversupply, installation volumes continued to grow, highlighting both the strength and volatility of the global PV industry.

What is the World Solar Technology report?

The World Solar Technology Report provides a concise overview of global advancements, challenges, and trends in solar technology. Focused on solar photovoltaics (solar PV), particularly crystalline silicon technology, the report highlights its significant efficiency and power output improvements over the past decade.

What is Raptor maps' 2025 Global Solar report?

This report is a summary of Raptor Maps' research. The 2025 Global Solar Report draws upon 193 GWdc of utility-scale and commercial and industrial (C&I) solar PV analysis, with 67 GWdc of analysis in 2024 alone.



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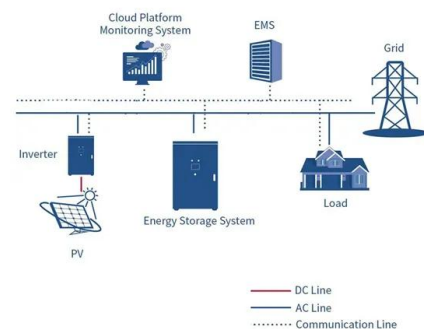
### [2025 Edition Global Solar Report](#)



Raptor Maps studies the performance and risk profiles of solar assets around the world in order to distill industry trends and to highlight opportunities for the rapidly growing solar industry. This ...

### [Solar: predictions for 2025 , Wood Mackenzie](#)

After years of exponential growth in global solar buildout could policy uncertainty, protectionist measures and interconnection and transmission bottlenecks halt that trend? A look at the solar industry outlook, costs, tech ...



### **Solar Heat Worldwide 2025 highlights top countries globally**

Solar Heat Worldwide 2025 highlights top countries globally In 2024, China led the global market for industrial solar heat, while the Netherlands recorded the highest increase in newly installed ...

### [Global solar PV market outlook update: Q1 2025](#)

Bringing together our regional expertise in the Americas, Europe, Asia Pacific, the Middle East and Africa, Wood Mackenzie's Global solar PV



market outlook Q1 2025 breaks down how the key policy, supply chain, ...



### [Global Solar Boom: ISA's Latest Report Highlights](#)

World Solar Market Report: Unprecedented Growth The World Solar Market Report documents a rapid rise in global solar capacity, which has surged from 1.22 GW in 2000 to 1,418.97 GW by 2023. With 345.83 GW ...



### Raptor Maps

Raptor Maps studies the performance and risk profiles of solar assets around the world in order to distill industry trends and to highlight opportunities for the rapidly growing solar industry. This report is a summary of Raptor Maps' research. ...

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