

The U.S. solar market in 2025 is characterized by record installation growth coupled with significant market headwinds and shifts. As of September 2025, deployment numbers are soaring to new ...

Photovoltaic (PV) solar accounted for 58% of all new electricity-generating capacity additions through the third quarter of 2025, remaining the dominant form of new electricity-generating capacity in the US.

What are some of the new solar panel technology trends for 2025? Emerging solar panel technology trends for 2025 include advancements in tandem and perovskite cells, which boost efficiency and ...

o Utility-scale solar (including PV and CSP technologies) and C&I PV electricity production dropped by 46% from its summer peak (July 2024) to its winter low (December 2024), and Residential PV ...

Our 2025 guide explains the latest advances like TOPCon, HJT, and back contact panels. Learn how each performs in efficiency, durability, and real-world applications.

In this article, we explore the key trends reshaping the solar power system landscape in 2025, including advancements that affect photovoltaic panels price, sustainability, and smart technology integration.

With new materials, better efficiency, improved designs, and AI-driven management, solar power in 2025 is smarter, faster, cheaper, and more versatile than ever.

For CELT 2025, the BTM PV forecast will be converted into 73 years of hourly forecasts, at the load zone-level, based on historical profiles of hourly capacity factors

The IEA PVPS Trends in Photovoltaic Applications 2025 report provides comprehensive data and analysis on global PV deployment, technology, and market evolution from 1992 to 2024.

Drawing on insight from Lens Power, we've set out our view of the factors that will shape the year ahead - and beyond - in Global solar: four things to look for in 2025.

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