



2025 Photovoltaic panels installed and connected to the grid

October is Cybersecurity Awareness Month. Discover 10 crucial insights into cybercrime in 2025, including the impact of AI cyber threats and strategies to fight back.

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

2025 has brought both challenges and breakthroughs for nature and climate around the world. From "no deal" on a global plastics treaty to renewables overtaking coal in power production, ...

The report is part of IEA-PVPS Task 1, which focuses on the technical, economic, and social aspects of PV power systems.

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 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.

Investments in solar photovoltaics even grew by 20.5% to reach USD 514 billion and resulted in the installation of new photovoltaic systems with almost 600 GWp. The global installed solar photovoltaic ...

2. Capital allocation and finance Investment in the supply of energy and natural resources will reach record levels in 2025, with spend exceeding \$1.5 trillion over our forecasts, up 6% in real ...

We asked our 2020 intake of Technology Pioneers for their views on how technology will change the world in the next five years. Here are their predictions.

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 ...

Global Gender Gap Index 2025 benchmarks gender parity across 148 economies, offering trend analysis, key findings, and insights into progress since 2006.

o Despite representing only 21% of installed U.S. PV capacity at the end of 2024, 97% of PV systems--more than 5.3 million systems--were residential applications.



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We expect 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the U.S. power grid in 2025 in our latest Preliminary Monthly Electric Generator Inventory ...

The Top 10 Emerging Technologies of 2025 report highlights 10 innovations with the potential to reshape industries and societies.

In those instances, grid-connected PV installations in the affected part of the network will go off line because their commercial PV inverters require AC voltage to operate.

Davos-Klosters, Switzerland, 23 January 2025 - US President Donald J. Trump outlined his strategy to bolster the US economy and "unleash" investment in a wide-ranging speech via live ...

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