

Whether you're planning a DIY solar installation or hiring professionals, you'll discover the essential techniques, costs, and regulations needed to successfully install photovoltaic systems on your property.

Each quarter, the National Renewable Energy Laboratory conducts the Quarterly Solar Industry Update, a presentation of technical trends within the solar industry.

The solar photovoltaic market size crossed USD 323.5 billion in 2025 and is expected to grow at a CAGR of 8.1% from 2026 to 2035, driven by integration of solar PV across agriculture and business ...

o EIA reports that at the end of 2024, 69% of U.S. installed PV capacity was from utility -scale PV systems. o Despite representing only 21% of installed U.S. PV capacity at the end of 2024, ...

Cumulative solar PV capacity is expected to exceed most energy analysts' forecasts by 2030. If the solar market trajectory continues as projected, total global solar installations are set to ...

These advances are making solar technology more powerful, affordable, and versatile, accelerating the adoption of solar energy technology across residential, commercial, and utility-scale ...

In the coming years, innovative technological developments should help further boost the PV power conversion efficiency (PCE), reduce the PV energy cost, and expand the PV industry.

2024 was a record year for solar deployment as companies raced to cash in on lucrative tax treatments and subsidies offered by the Biden administration. Thirty-seven gigawatts of new ...

In recent years, solar power has proven to be a key solution for reducing dependence on fossil fuels and mitigating climate change. As costs decrease and efficiency increase, the future of ...

The association explores the trends identified in the report, noting the milestones, regional dynamics, and the implications of increased PV penetration in energy grids worldwide.

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