

Current situation of domestic solar power generation

Solar deployment and electric vehicle (EV) sales broke records in 2023 and 2024. Renewables now dominate new power generation capacity, while new domestic clean energy ...

Residential solar might be down today, but its long-term prospects remain solid. We see that residential solar is poised for steady growth, especially for companies that take the right steps ...

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Almost 70 gigawatts (GW) of new solar generating capacity projects are scheduled to come online in 2026 and 2027, which represents a 49% increase in U.S. solar operating capacity ...

As of December 2023, the solar energy sector represents nearly 280,000 well-paying, stable jobs. The cost of renewable energy generation is also proven to be 30 percent lower than the ...

While our commercial and community solar outlooks have risen slightly due to enhanced project pipeline visibility, we've downgraded our residential outlook as tight module availability is ...

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

As of yesterday's data release by the Energy Information Administration (EIA), which covers the first nine months of 2025, total electricity demand has risen by 2.3 percent. That ...

o At the end of 2024, solar was the second-largest source of U.S. generation capacity, though still a growing percentage of the U.S. electric generation mix. o In 2024, solar represented ...

In Q2 2025, the residential segment installed 1,064 MW dc of solar capacity, declining 9% year-over-year and 3% quarter-over-quarter. High interest rates, economic and policy uncertainty ...

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