



# National solar power generation targets

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These targets are for areas of the country with average solar resource and could make solar the lowest-cost source of new electricity generation across most of the country. These targets are aggressive, ...

Last year, the U.S. saw additions of about 45 GW of solar and wind combined. This increase from 2023 shows robust progress, but we still need more growth in carbon free generation ...

We expect U.S. utilities and independent power producers will add 26 gigawatts (GW) of solar capacity to the U.S. electric power sector in 2025 and 22 GW in 2026.

This report analyses national 2030 renewable targets for the power sector to evaluate them against what is required to meet the proposed goal to triple global renewable capacity by 2030.

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 2019, SEIA laid out a vision for the 2020s in our Roadmap for the Solar+ Decade. In that roadmap, we set a target for solar energy to reach 20% of generation by 2030 as the U.S. ...

Future year projections are informed by the literature, National Laboratory of the Rockies (NLR) expertise, and technology pathway assessments for reductions in capital expenditures (CAPEX) and ...

We expect the combined share of generation from solar power and wind power to rise from about 18% in 2025 to about 21% in 2027. In our STEO forecast, utility-scale solar is the fastest ...

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