

How much 42 renewables

Solar and storage in the United States is booming. Along with our partners at Wood Mackenzie Power & Renewables, SEIA tracks trends and trajectories in the solar industry that demonstrate the diverse

After several record-breaking years, the U.S. clean energy sector faces a critical moment. Solar deployment and electric vehicle (EV) sales broke records in 2023 and 2024.

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In 2023, about 4,178 billion kilowatthours (kWh) (or about 4.18 trillion kWh) of electricity were generated at utility-scale electricity generation facilities in the United States. 1 About 60% of this electricity

Source: Carbon Brief analysis by Simon Evans of figures from the IEA Renewables 2023 and Renewables 2022 reports, the IEA world energy outlook 2023 and the Ember data explorer. By

In 2028, renewable energy sources account for 42% of global electricity generation, with the wind and solar PV share making up 25%. In 2028, hydropower remains the largest renewable electricity source.

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