

# **New energy sectors such as wind solar and lithium storage continue to decline**





## Overview

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Which countries are moving away from fossil fuels in 2025?

Countries in Europe, Asia, and North America ramped up efforts to transition away from fossil fuels, with ambitious goals to expand clean energy capacity into the future. This momentum from 2024 is set to carry into the renewable energy trends of 2025, with even more growth expected globally.

Will battery storage prices continue to decline in 2025?

We expect to see battery storage prices continue to decline in 2025, even as raw material prices rise, due to the oversupply of battery production. The rapid growth of battery manufacturing, particularly in China and Europe, has outpaced demand, which is exerting downward pressure on pricing.

Which industries will drive renewables deployment?

The cleantech manufacturing, artificial intelligence, and carbon industries will likely continue to drive renewables deployment: On the demand side, many cleantech manufacturing, data center, and direct air capture (DAC) operators are seeking to meet their infrastructural load growth needs with significant shares of renewables.

What will energy supply look like in 2025?

In 2025, developing new methods of supplying affordable and clean energy to some of the most underserved regions will be an increasingly urgent priority. Worldwide, there is still a tremendous appetite for replacing fossil fuels and polluting energy supplies with clean, green alternatives.

What is the future of battery energy storage systems?

This stability is crucial for expanding renewable energy and reducing reliance on fossil fuels. The global battery energy storage systems (BESS) market is expected to grow from \$10 billion in 2020 to around \$120 billion by 2030 (Source).



How are battery technologies transforming the energy sector?

As renewable energy grows, the demand for efficient energy storage has become central to ensuring a stable electricity supply. Advanced battery technologies, such as lithium-ion, solid-state, and sodium-ion, are transforming the sector by offering improved efficiency, safety, and environmental sustainability.



## New energy sectors such as wind solar and lithium storage continue



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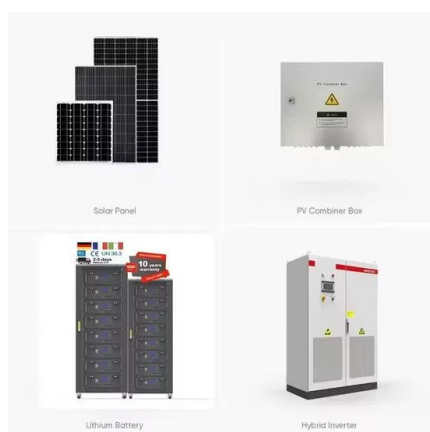
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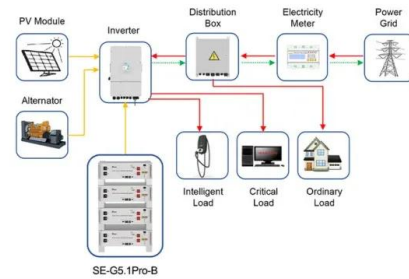
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Application scenarios of energy storage battery products



## Renewable energy

Renewable energy Examples of renewable energy: concentrated solar power with molten salt heat storage in Spain; wind energy in South Africa; the Three Gorges Dam on the Yangtze ...

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## Energy Outlook 2025: Energy Storage

We expect to see the global energy storage market continue to grow at a rapid pace in 2025. The increasing integration of renewable energy sources, the need for grid ...

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Looking ahead to 2025, the momentum for clean energy may continue, pending new policy approaches from a new administration. The cleantech manufacturing, artificial intelligence, and ...

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## [Growth of Renewable Energy in the US , World Resources Institute](#)

With the new projects online, renewables (including wind, solar, geothermal and hydropower) and battery storage now make up 30% of the country's large-scale power generating capacity.

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