

ContainerPower Energy Solutions

Foreign Trade Energy Storage and New Energy



Overview

How has technology impacted the energy storage sector?

Technological developments and market uptake have already had a positive impact on the storage sector: the costs of battery storage are down by 93% since 2010, according to the International Renewable Energy Agency (IRENA). Pumped storage hydropower is the largest energy storage technology globally.

What is the European energy storage inventory?

The Commission's European Energy Storage Inventory can help address this gap within Europe. Launched in March 2025, it is the first European-level tool of its kind, providing a real-time dashboard of energy storage levels in Europe, offering energy storage data across a full range of technologies.

Why should the EU invest in batteries?

It contributes to the EU's circular economy and zero pollution ambitions and strengthens our strategic autonomy on batteries. Beyond batteries and pumped storage hydropower, the EU ranks second, after the U.S., in the number of companies developing novel energy storage technologies and leads in liquid air energy storage.

Are batteries the future of energy storage?

That's where energy storage solutions, such as batteries, have a vital role to play. Technological developments and market uptake have already had a positive impact on the storage sector: the costs of battery storage are down by 93% since 2010, according to the International Renewable Energy Agency (IRENA).

How can Europe reduce its reliance on oil and gas?

China's investments in renewables, energy storage and batteries, electric vehicles and nuclear, for example, aim to primarily reduce its reliance on oil

and gas imports and to exert leadership in new technologies. Europe, meanwhile, made great efforts to decrease its dependence on oil and gas from Russia by investing in renewables and efficiency.

How will China tariffs affect the battery industry?

The China tariffs will have a much greater impact on the U.S. battery industry. American utilities have been adding batteries to their grids at record rates, and many of those are lithium-iron-phosphate (LFP) batteries from China. There is essentially no alternative production capacity ready to replace these imports.

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