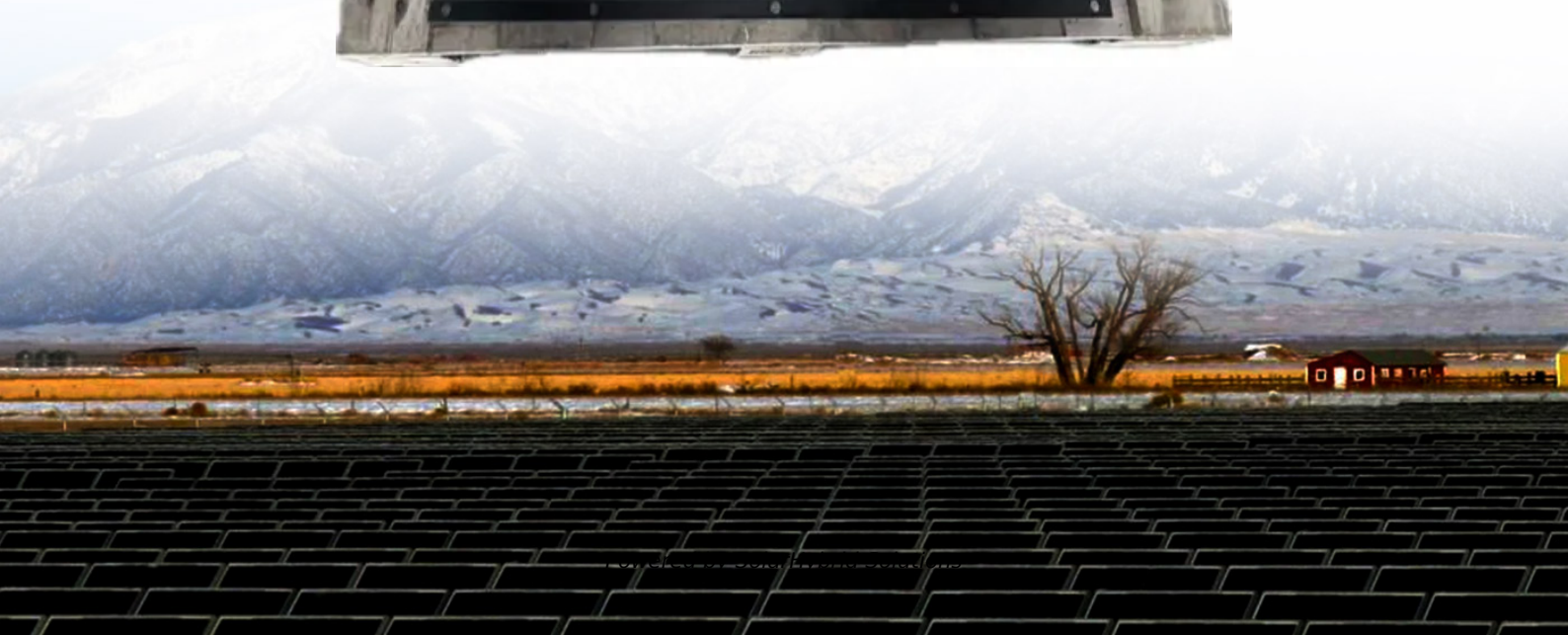


European Energy Storage Power Station Investment





Overview

The European Union's revised Renewable Energy Directive has introduced specific provisions to promote the integration of storage with renewable energy sources, while national governments are implementing measures such as capacity markets and investment tax credits. Is energy storage a good investment in Europe?

Compared to classic renewables, energy storage has really only become an investable asset in Europe over the last few years on the back of technology advances, market price signals, and government support mechanisms.

Why should you invest in battery storage in Europe?

In Europe, the capacity of renewable energy sources is growing very rapidly, while traditional power plants are slowly being decommissioned. That's creating a unique new opportunity for investors amid the emerging demand for battery storage, which provides balance to electricity markets.

Why is battery energy storage system gaining popularity in Europe?

Battery Energy Storage Systems (BESS) investment in Europe is gaining popularity due to its ability to provide backup power and reduce curtailment. According to Aurora Energy Research, Europe intends to invest €70 billion in BESS to have 95 GW grid BESS capacity by 2050.

How do energy storage assets make money in Europe?

For short-duration energy storage assets, there are really three key revenue streams for energy storage assets in Europe. The first one is capacity payments, which have become a broadly implemented policy measure by governments to support system reliability and incentivize the installation of certain new power asset types.

Which European markets are the best for battery energy storage systems?

Gresham House and Gore Street have the biggest European BESS portfolios,



but Innova, CIP and Enel Green Power have huge project pipelines and could emerge as dominant players Germany, the UK and Italy are the most attractive markets for battery energy storage system (BESS) investment, according to new research from Rabobank.

How much energy storage will Europe have by 2050?

Overall, total energy storage in Europe is expected to increase to about 375 gigawatts by 2050, from 15 gigawatts last year, according to BloombergNEF. We spoke with Grebien about electricity market trends, energy storage technologies, as well as the investment and financing opportunities emerging from these technologies.



European Energy Storage Power Station Investment



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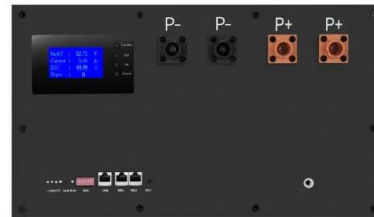
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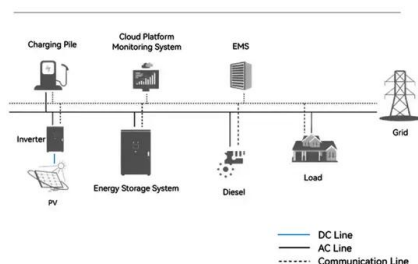
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System Topology



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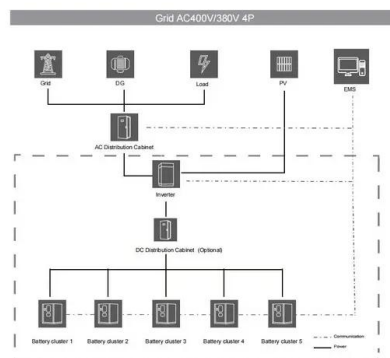




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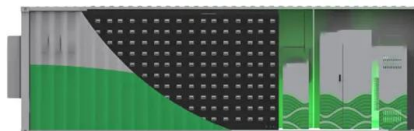
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