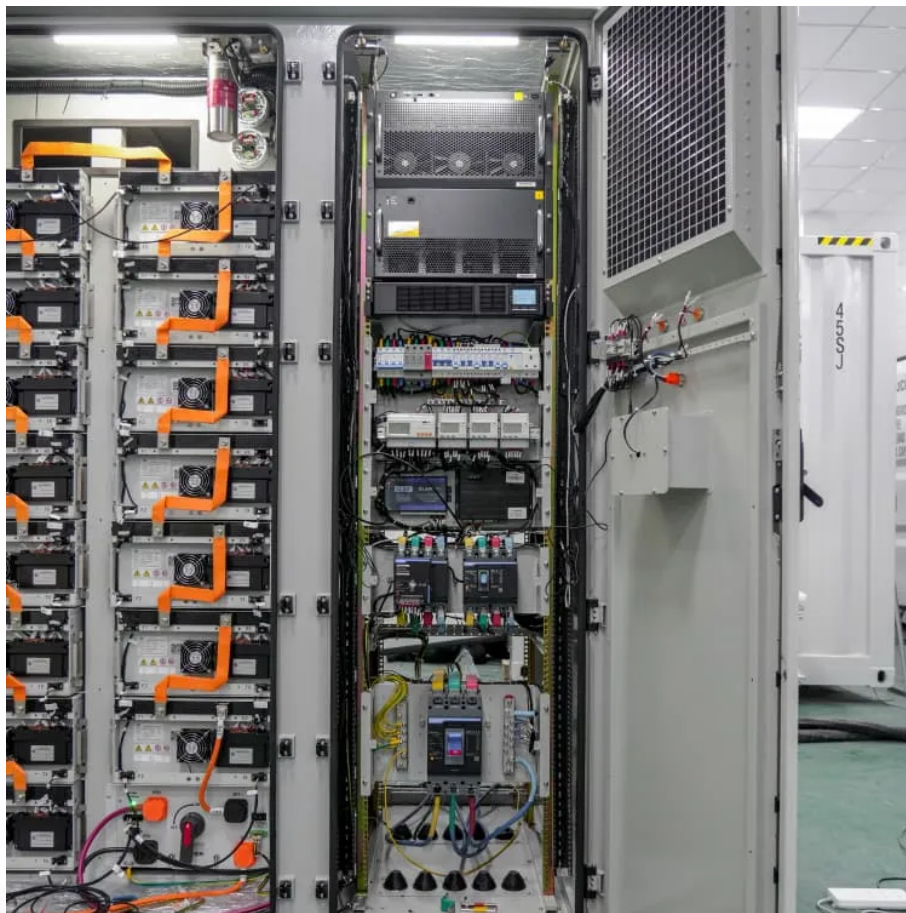


New Energy Storage Power Supply Project Introduction





Overview

How will a pumped storage power plant contribute to the energy transition?

The company is making a significant contribution to the energy transition and is continuing its corporate transformation towards more renewable energy generation. By storing energy, the pumped storage power plant will contribute to greater security of supply in southern Germany.

How can energy storage improve the performance of the energy system?

Energy storage technologies can significantly improve the performance of the whole energy system. They enhance energy security, allow more cost-effective solutions, and support greater sustainability, enabling a more just energy system.

Why should we invest in a pumped storage power plant?

By storing energy, the pumped storage power plant will contribute to greater security of supply in southern Germany. This investment is part of our previously announced strategy to invest in growth and transformation towards a greener business.

Is energy storage a load modifying resource?

In many markets, energy storage is classified as a load-modifying resource or, in some cases, it is classified both as a generation asset and as a load resource.

What is a storage hydroelectric plant?

A storage hydroelectric plant is a type of power plant that stores energy in the form of water behind a dam. The plant described in the passage has a capacity of 300 MW and will work in conjunction with a 600 MW photovoltaic power plant.

What is energy storage?



Energy storage is the process of storing energy produced at one time for use at a later time. It involves converting energy from one form to another, such as electricity to chemical or potential energy, and then reconverting it back to electricity when needed.



New Energy Storage Power Supply Project Introduction



[Uniper recommissions Happurg pumped-storage plant for around ...](#)

With the Happurg pumped-storage plant, we want to make more storage capacity available again. As Germany's largest hydropower operator, we are thus contributing to a reliable power supply ...

[Energy Storage Configuration and Benefit Evaluation Method for New](#)

In the context of increasing renewable energy penetration, energy storage configuration plays a critical role in mitigating output volatility, enhancing absorption rates, and ...



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