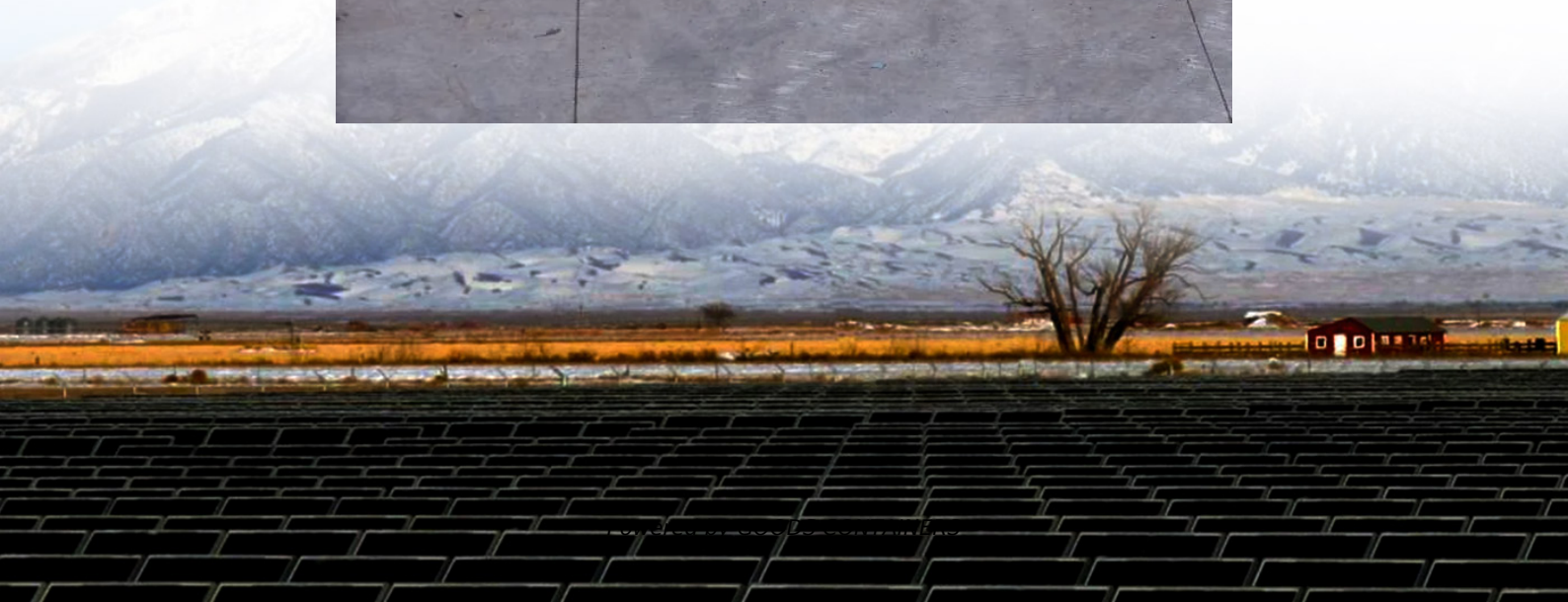


Wholesale of energy storage cabinets on the Belgian grid side





Overview

Why is balancing the Belgian grid so important?

Balancing the Belgian grid and integrating increased renewable assets becomes even more important when the country phases out of most of their nuclear power by 2025. The Ruien Energy Storage NV project is owned by Nippon Koei Energy Europe B.V. through a joint venture with Aquila Capital.

Why are energy storage projects taking off in Belgium?

Energy storage projects in Belgium and the surrounding Benelux region have taken off due to storage-friendly market rules and energy transition drivers—leading to an increased need for grid flexibility and good interconnection across other markets.

What is Ruien energy storage NV?

The system will help the customer to regulate fluctuations and supply peak power with stored renewable energy in the grid. With improved reliability, the system will also improve revenues. The Ruien Energy Storage NV battery includes hardware and software technology, driving smart asset management.

Who manages a distribution grid?

The distribution grid operators (DSO): They manage mid-voltage grids (10 to 70 kV) and the distribution grid. The energy suppliers: They supply power to customers, both private and business. The balance responsible party (BRP): They buy the electricity for the supplier and have an obligation to supply the agreed amount per time-unit.



Wholesale of energy storage cabinets on the Belgian grid side



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