

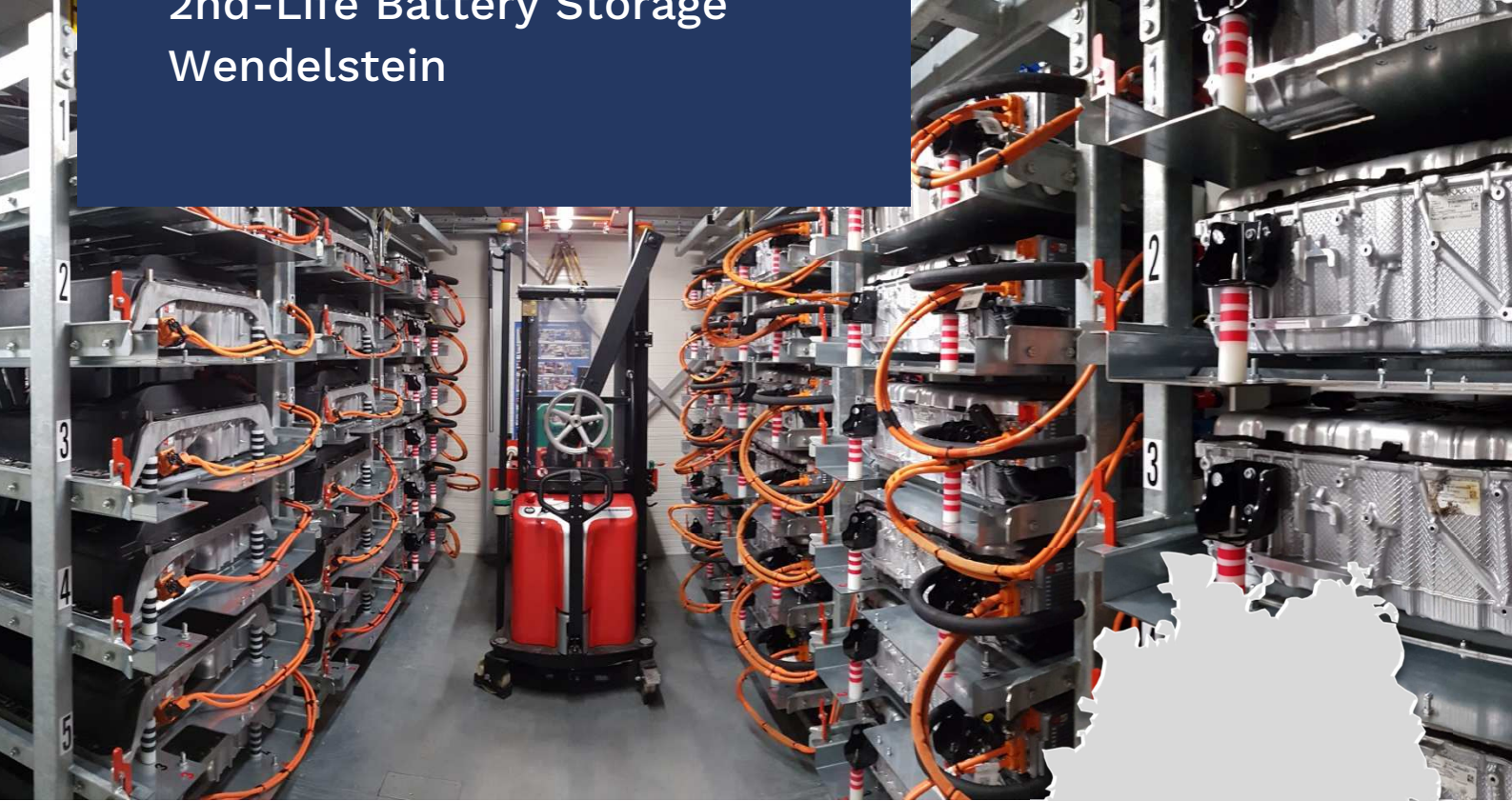
covalion

Project description
2nd-Life Battery Storage
Wendelstein

Key Facts:

Power:
660 kW

Capacity:
1000 kWh

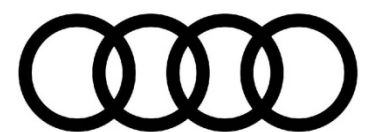
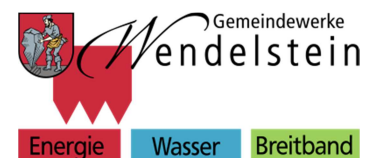


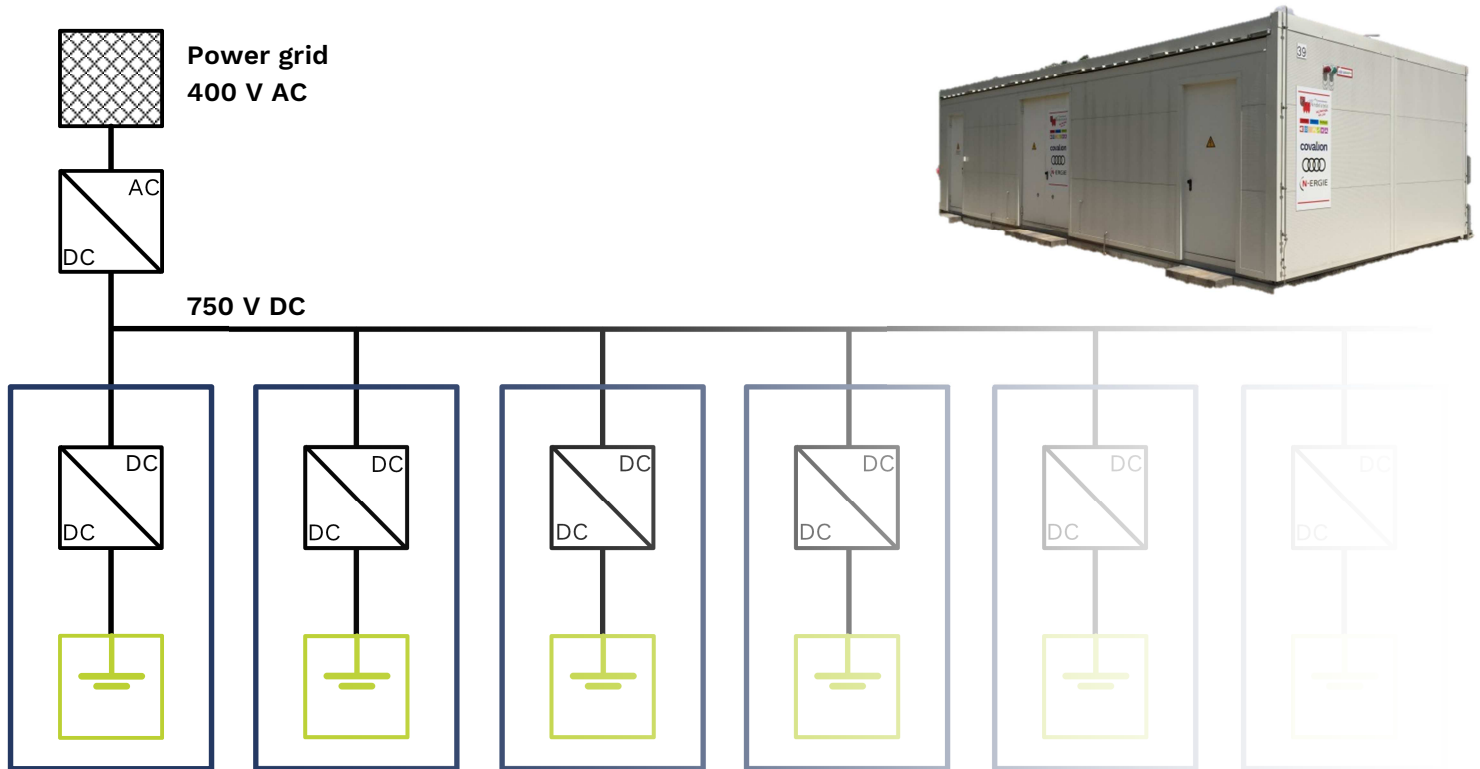
Insight into the 2nd-Life battery storage in Wendelstein

Covalion – as a Brand of **Framatome GmbH** and part of the **EDF group** – we combine the flexibility and dynamic of a start-up with the diverse skills and resources of a globally established group of companies.

In addition to solutions for hydrogen technologies, Covalion offers innovative solutions for **battery storage systems** for various applications. These include the **2nd-Life battery storage system** in Wendelstein, which utilizes used **traction batteries** from hybrid vehicles to provide **primary reserve**. In a partnership with Audi AG, a total of 84 batteries from Audi A3 hybrid and Audi Q7 hybrid vehicles were installed in the storage system and equipped with the appropriate power electronics.

Our Partners:





84 batteries arranged in 14 racks

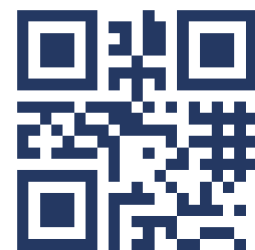
What is primary reserve?

In the electricity grid, it must be guaranteed at all times that generation and consumption are equal. Since power plants feed in inert and renewable energy sources fluctuate, control reserve systems are used to compensate for the difference. Systems that provide primary control power react fastest.

Lithium-ion batteries are ideal for providing both positive and negative primary control power due to their ability to absorb and release large amounts of energy in a short time.

You have questions about our technologies or our solutions?

Visit our Website:



www.covalion.net

or contact us directly:

battery@covalion.net