

Battery Energy Storage System (BESS) Cremzow

Facts

Total Plant Size:
22 MW / 34 MWh

Investment:
17 Mio. €

Commissioning:
25 Februar 2019

What does the plant do?

The 22-MW battery storage system offers daily frequency control services on the European primary control reserve market and, in exceptional cases, black start capability when the power grid needs to be restarted.

The quality of a power supply system is mainly described by the stability of the frequency. Supply (generation) must cover the demand for stable and reliable grid operation at all times.

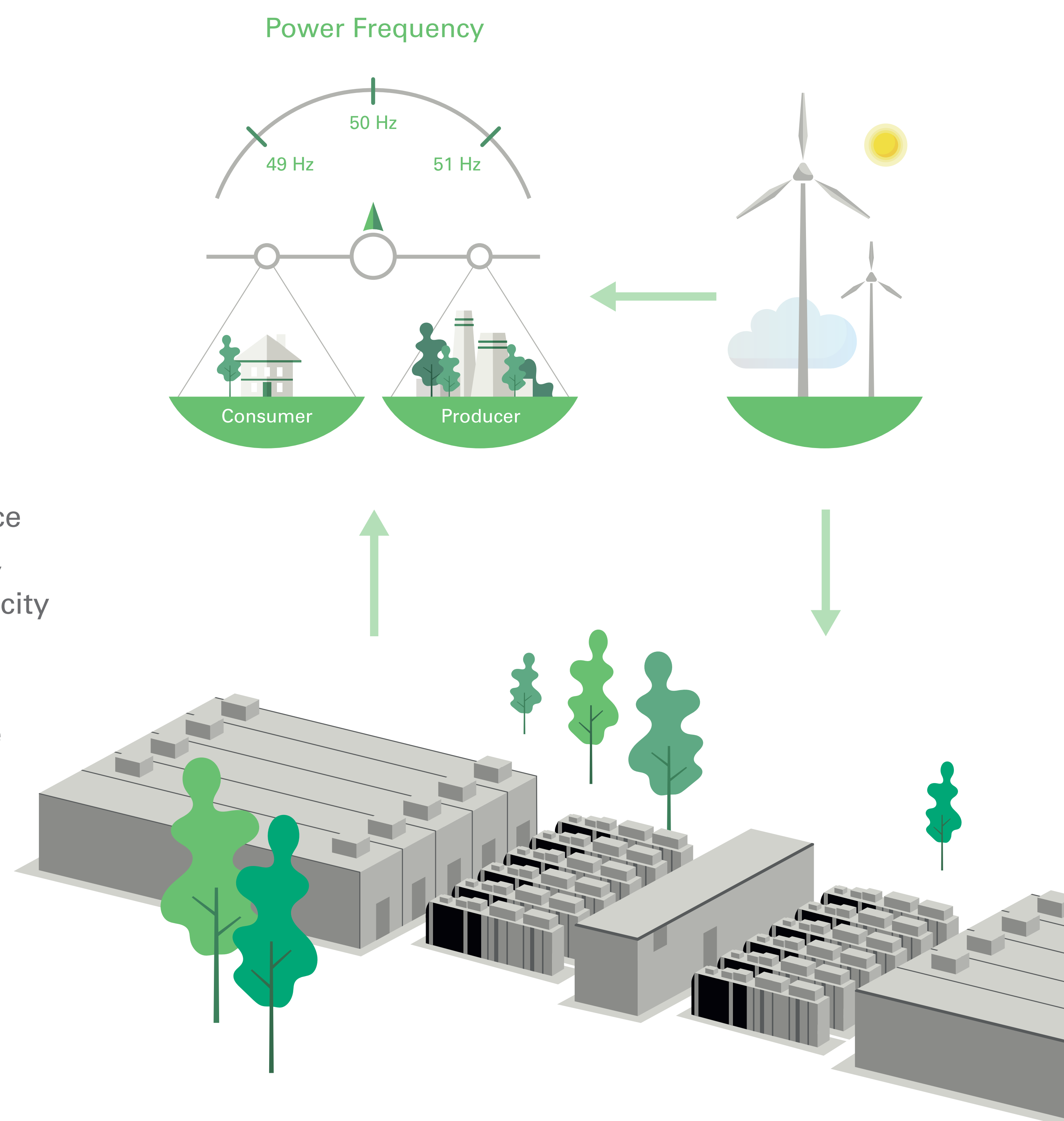
The further use of variable sources such as wind and photovoltaics leads to frequency deviations.

The primary control reserve (PCR) is the first source to stabilize the equilibrium. In a matter of seconds, the battery storage system must either feed electricity into or draw electricity from the grid.

In view of this rapid deployment, a battery storage system is a valuable contribution to the primary control reserve. Fast frequency control is one of the most attractive markets for battery storage systems today.

The market size today is more than 800 MW.

Our BESS Cremzow stabilizes the electricity grid



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