

Innovative battery storage project

# Stabilising the grid with a megabattery and hydropower



Expansion of renewable energies and decommissioning of conventional power stations increase fluctuations



Power surplus

Power scarcity

Balancing energy stabilises the power grid at 50 hertz



- Batteries store power
- Run-of-river power stations on the Mosel river thus reduce power generation

virtual coupling

 **Werne**  
Capacity: 72 MW



- Batteries feed power into the grid
- Run-of-river power stations on the Mosel river increase power generation

virtual coupling

Run-of-river power stations on the Mosel river

**Innovation:**  
virtual coupling

 **Lingen**  
Capacity: 45 MW

