

Reference SÜWAG AG, Germany

Energy storage for local heat network

Background

- ▶ Implementation of a largely self-powered area in Klesterbach
- ▶ Storage and consumption of own generated energy

System

- ▶ Turnkey system solution from Bosch with electrical storage
- ▶ 135 kWh lithium ion battery with modular control cabinet system
- ▶ Connected with CHP unit, heating boiler and PV system



Benefits

- ▶ Optimization/maximization of own consumption
- ▶ Reduction/prevention of network load/expansion
- ▶ Reduction of electric power costs by local energy generation and consumption