



STEAG Technischer Service GmbH

Service provider for energy storage systems

The share of energy from renewable sources in the German electricity mix is continuously increasing – with a target of 55 to 60 percent by the year 2035. However, energy must be reliably supplied even when there is no wind or sunshine. And there are also times when there is more energy from wind and the sun than the electricity grids can absorb and distribute. In such situations, intelligent technology solutions are necessary to immediately compensate for such fluctuations in the electrical grid. In this context, large-scale batteries can make an important contribution to supplying the control power needed. In general, innovative storage technologies of various forms are becoming ever more important to ensure the security of supply and keep the energy bill for industries and households as low as possible.

Involved in the LESSY R&D Project (1 MW) as a partner since 2009, STEAG has taken on a pioneering role in the deployment of large-scale battery systems already at a very early stage. Right from the start, experts from STEAG Technischer Service were involved in project development, engineering, installation, integration into the grid, and operation and maintenance. STEAG Technischer Service also played an instrumental role in STEAG's large battery system project (6 x 15 MW) successfully implemented in 2016. This gives STEAG Technischer Service extensive first-hand experience and knowhow in services for energy storage systems.

Services for energy storage systems

Our range of services in detail

- Development and project planning
- Business and investment planning
- System calculations
- Construction of MV and LV networks and systems, system connections
- Maintenance of MV and LV networks and systems
- Protective systems (network protection, transformer protection etc.)
- I&C, telecontrol and communication systems
- Measuring and testing services (quality measurements, thermography, partial-discharge measurements on MV cables, transformer diagnostics)
- Meter reading data collection and remote transmission
- Data management
- Operation and maintenance
- Fault clearance service
- Permanently (24/7) staffed control room



STEAG Technischer Service GmbH –
Your expert service provider
for energy storage systems.



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