

Service for Battery Energy Storage Systems

Siemens Energy | Grid Technologies



Services for power transmission

Your reliable partner for all BESS maintenance and operation needs



Extensive experience grid connected systems



Remote & field service support by world class digital asset management systems



Customer revenue first mindset



International footprint and multicultural spirit



Continuous service performance controlling and state-of-art benchmarking



Global approach with environmental, safety and service features



Higher bankability through solid and reliable performance guarantees

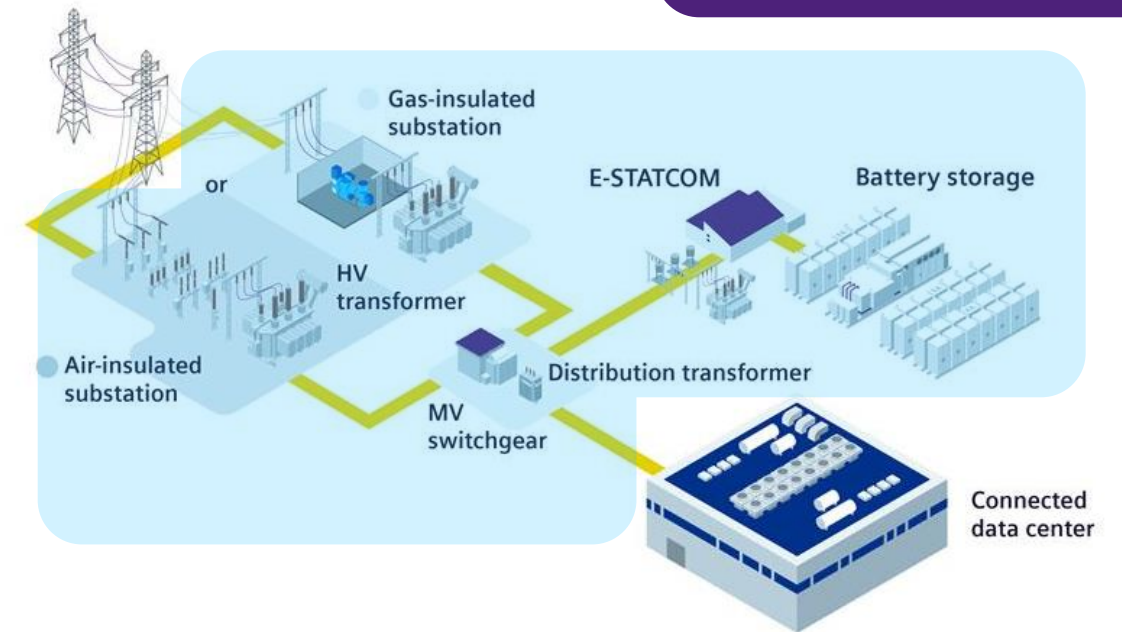


Maximum asset protection with top class in-house technician training

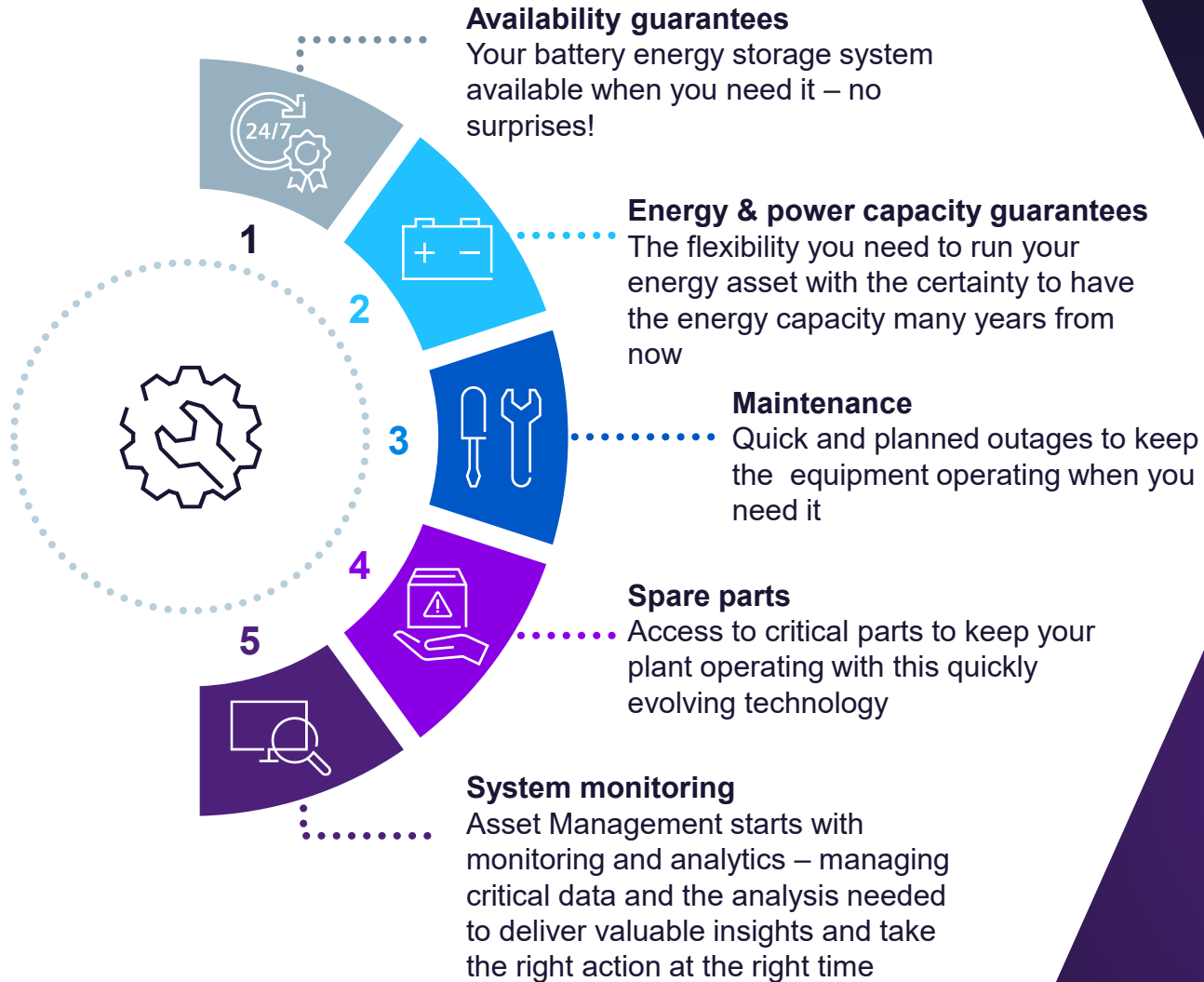
Connecting the future

Siemens Energy's modular grid system for data centers

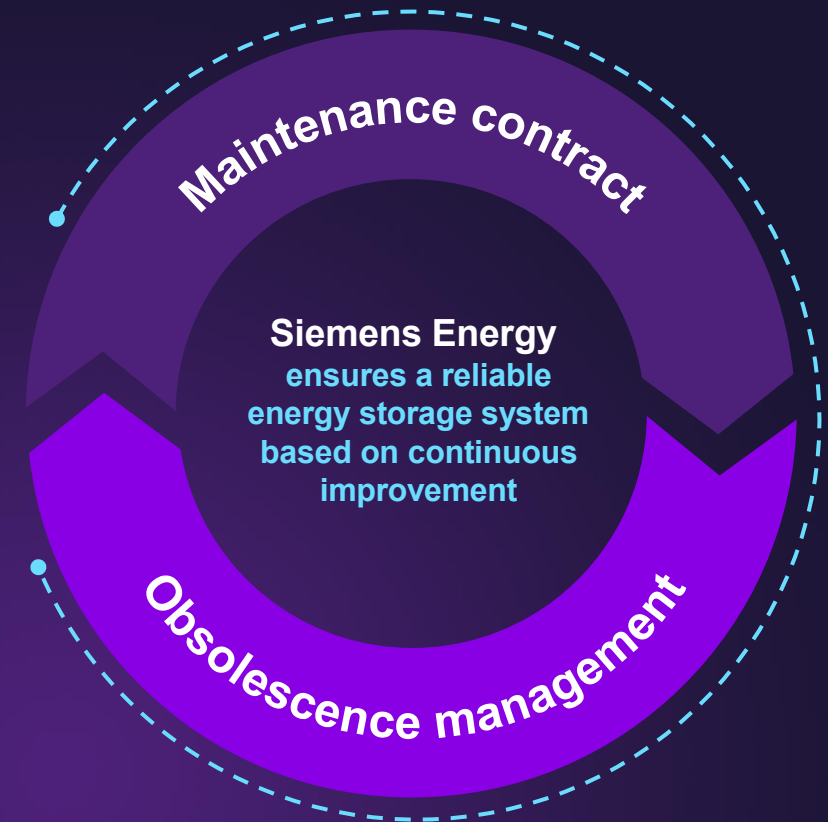
Siemens Energy Service scope



Five global service packages for BESS...



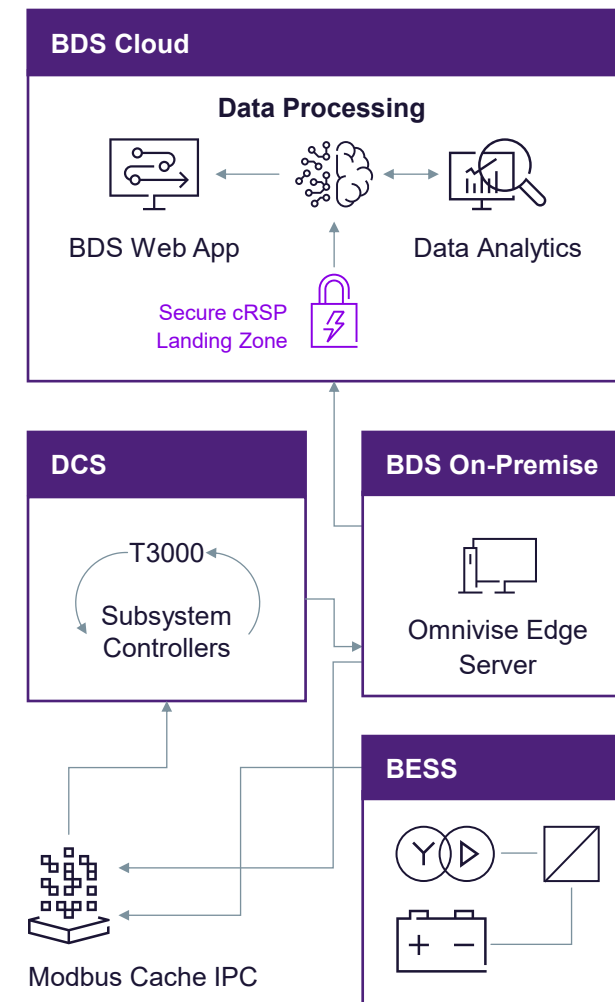
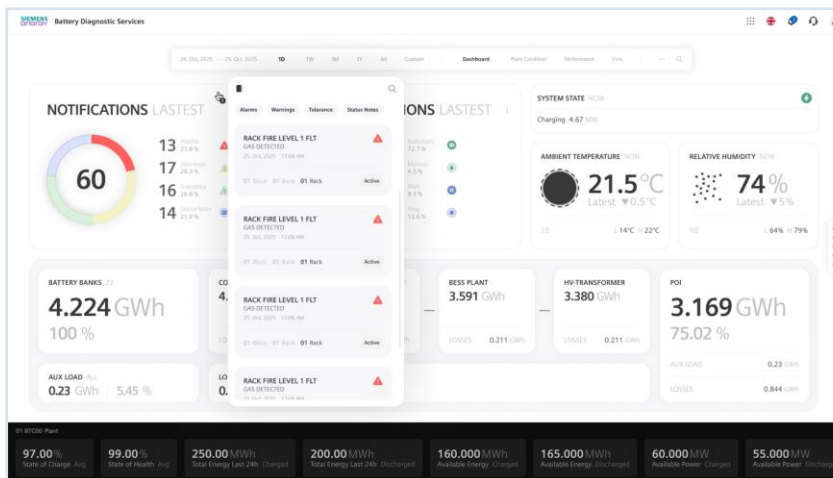
... to ensure optimal profitability of your battery storage system throughout the lifetime of the plant



BESS Diagnostic Services

Insights provides valuable information on key safety, health, performance, availability, and reliability indicators.

- Advanced data acquisition, calculations & analysis
- Visualization of battery energy
- Storage data & KPIs
- User-friendly, intuitive web application
- Descriptive & predictive analytics for customers & key account managers



BESS Diagnostic Services Web Application



Dashboards with KPIs and state of health metrics



Alarm & Notification handling



Reporting Functionality



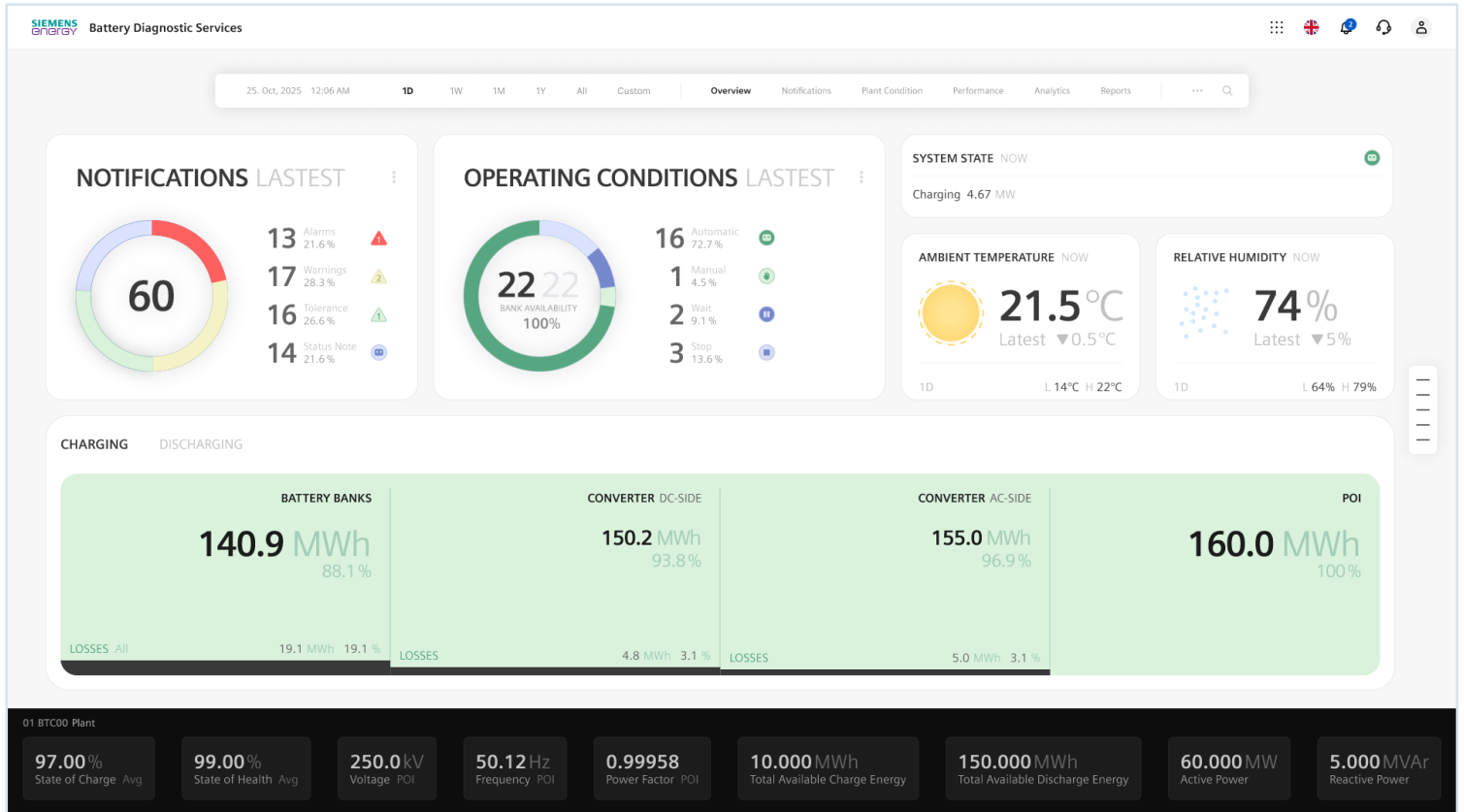
Benchmarking functions (e.g., across blocks)



Supervision of critical systems



Reduced cyber risks with CRSP connection

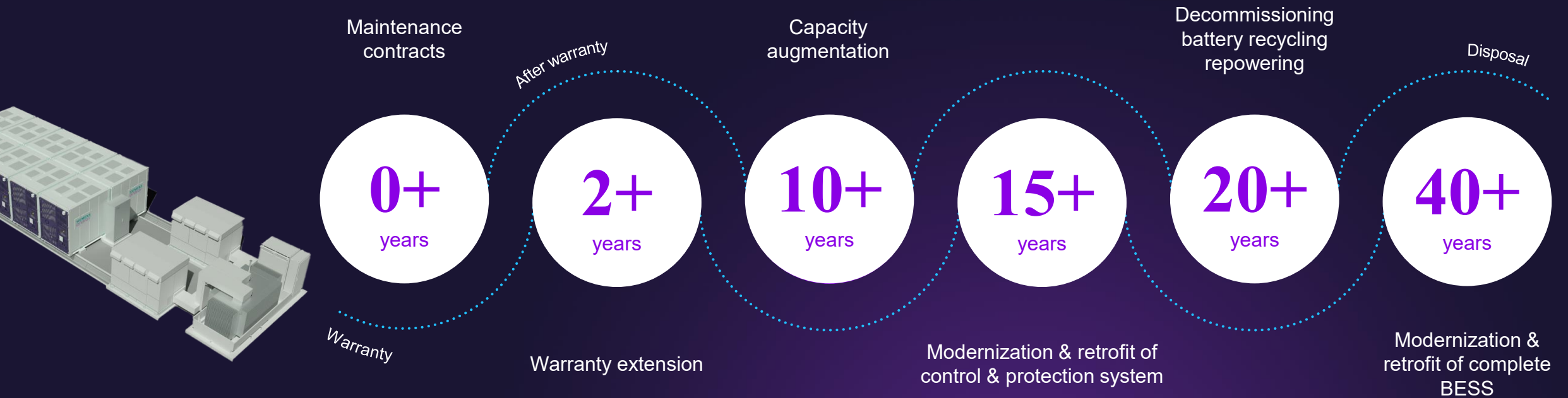


Asset protection & equipment integrity

Focus is on prevention of unplanned events/equipment damage leading to increased maintenance cost and/or loss of generation

BESS

Typical service activities throughout the lifecycle



Throughout the lifecycle

- 24/7 Expert Hotline
- BESS Diagnostic Services (BDS)
- Remote monitoring and operation
- Preventive & corrective maintenance
- Spare Parts Management
- Performance guarantee

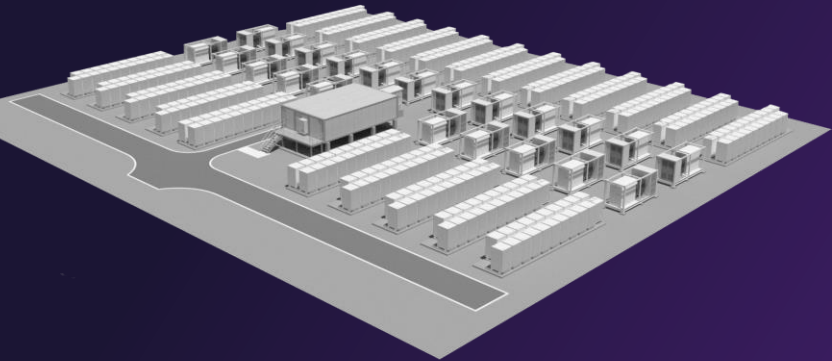
- Service programs (Long-Term Program)
- Trainings program
- Obsolescence management
- Performance test

DC/AC augmentation

Asset improvement

Siemens Energy combines two technologies to stabilize the Irish grid at the Shannonbridge

 Press release



Challenge

By combining Siemens Energy grid technology expertise and innovation, the Shannonbridge hybrid solution will enhance renewables by offering storage, active power, short circuit power, and inertia to stabilize the grid and boost renewable generation.



Scope

- Solution provider with engineering, installation and commissioning.
- Power Conversion System 83.6 MVA with MV Equipment Battery System with 180 MWh capacity nameplate.
- Energy Management System.
- Synchronous Condenser including the flywheel.



Solution and benefit

- Optimized cost efficiency.
- Contributing to a more reliable grid by enhancing the grid stability.
- Seamless integration of renewable energy while contributing to Ireland's emission reduction targets.



Customer
Hanwha Energy Corporation



Location
Shannonbridge, Ireland



Completion
2025

Siemens Energy is known for world class service



One face to the customer

- Service offerings from cell to High Voltage POI.
- Comprehensive LTSA customized to your needs and requirements.



Culture

- Technical Experts with deep knowledge.
- Strong background & expertise for energy products & services.
- Proven service capabilities in 24/7 and service response time for demanding projects, sites, and use-cases.



Trustworthy and bankability

- Trusted equipment and service provider with strong history of Long-Term Service Agreement in the energy industry.
- Siemens Energy has the mindset that long-term service relationships are paramount to customer's financial success.



Existing regional service footprint

Seasoned local field service expertise supporting products from BESS to HV

Contact

Published by
Siemens Energy Global GmbH & Co. KG

Grid Technologies Service
Humboldtstr. 64
90459 Nürnberg
Germany

Customer Support Center
Phone: +49 911 6505 650
Email: support@siemens-energy.com

[siemens-energy.com](https://www.siemens-energy.com)