

Press release

TRICERA energy at ees Europe 2025: One of the largest German battery EPCs

TRICERA energy is one of Germany's largest general contractors (EPC) and system integrators for large-scale battery storage systems. To date, the company has installed 280 megawatt-hours of capacity and 152 megawatts of power. From May 7 to 9, the battery storage expert will once again be presenting its latest innovations at Europe's largest trade fair for batteries and energy storage systems.

Engineering and consulting: Our experience for your project success

Over 30 completed projects since the company was founded demonstrate the company's experience in the construction of battery storage systems. Whether technical system design, feasibility studies or design work. As an established and sustainable EPC with a high level of expertise, the company is your partner when it comes to the details - from standard systems to special solutions, from 5 MWh standard containers to hall integration solutions and 2nd life automotive systems.

Project development: planning and services from a single source

From the initial project idea to commissioning, the company provides support in all phases of project development. TRICERA brings experience with local authorities, network operators and investors to your project and takes on the technical planning and construction work from a single source. A wide range of cooperation models are conceivable, from billing as a pure service to joint project development and even leasing of space.

EPC and system integration: turnkey solutions

As an EPC service provider, TRICERA offers integrated, turnkey battery storage solutions that are designed to reduce technical and organizational complexity for customers. The storage specialist handles all project phases from a single source - from planning and procurement to implementation in accordance with legal requirements, installation, grid connection and commissioning, including control and energy management systems. Thanks to its expertise and experience, the company ensures structured processes, high quality and on-time implementation - so that the customer can concentrate on their core business.

BESS software: Highly flexible for any system design

Thanks to our flexible software development approach, the company is able to adapt the system software to any battery storage system. Three main components form the core: The Battery Cluster Controller (BCC) provides a generic control and data provision interface for the entire BESS and can integrate a wide variety of battery inverter types and BMS. The Energy Management System (EMS) determines the actual operation of the storage system and can be used for the integration and prioritization of various external marketers and/or load management systems or as a stand-alone controller for classic behind-the-meter applications such as load peak capping and self-consumption optimization. TRICERA ensures compliance with grid operator requirements through a highly customizable certified EZA controller, which can be used in combination with other generators such as PV or wind power.

Maintenance and technical operation: After construction is before maintenance

TRICERA provides support from operational management and monitoring through to extensive on-site deployment. The focus here is on system monitoring and data evaluation: the O&M team takes care of monitoring, ensures smooth operation and creates reports for internal and external purposes. Remote access and on-site operations ensure rapid troubleshooting and scheduled maintenance. The company therefore also covers the final part of the battery storage installation process.

The battery storage experts from TRICERA energy are looking forward to an exciting exchange at ees Europe from May 7 to 9, 2025 at the joint stand of the Saxony Economic Development Corporation in Hall B2, Stand B2.150.



Image: TRICERA energy battery storage system in operation from a project with ABO Energy

Background TRICERA energy

To a new era - that is the vision of TRICERA energy GmbH. The sustainable company based in Freiberg and Dresden specializes in the development, construction and operation of medium (<500kWh) to large (>2MWh) battery storage systems, thus enabling an optimized, demand-oriented and renewable energy supply. The core business comprises three areas of expertise: Engineering and consulting, project development and system integration. With 90 employees consisting of leading experts in the battery industry and many years of experience in various fields of expertise, TRICERA energy is a qualified partner when it comes to the energy transition. To date, TRICERA has installed 280 megawatt-hours of capacity and 152 megawatts of power.

Further information can be found at: <https://tricera.energy>

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