

Press Release

TRICERA energy constructs largest battery storage in Saxony



21.10.2022 Dresden in Saxony: On 30.09.2022, Saxony's Prime Minister Michael Kretschmer opened the largest battery storage facility in Saxony, which was constructed by TRICERA energy.

TRICERA energy developed a 25 MW battery storage on behalf of JT Energy Systems and is also responsible for its realization. In the future, the storage system will primarily store renewable electricity and ultimately help to stabilize energy prices and the power grid, which is increasingly exposed to fluctuations. Ultimately, the mega-battery can be used to store electricity in the event of oversupply or to feed it into the grid as needed. Battery storage is a key technology for the expansion of the regenerative energy transition, as Minister President Michael Kretschmer also emphasized in his opening speech.

The energy storage system consists of over 10,000 battery modules and four different battery types. The capacity corresponds to an e-vehicle fleet of 600 cars. TRICERA energy

succeeds in combining the batteries into a stable battery storage system during operation by using different circuits and different numbers of modules. New and used batteries of different types are interconnected in a single storage system, enabling the company to achieve a particularly important sustainability factor: significantly longer use of batteries until their actual end of life. This format and the associated scale are currently unique. TRICERA sees the project as a first step in the increasingly important future challenge of adequately recycling and reusing automotive batteries. The condition of the batteries is checked 24/7 by the partner company NOVUM, which specializes in AI-based battery condition analysis.

About TRICERA

TRICERA energy GmbH is a young, up-and-coming company from Saxony with headquarter in Freiberg and a large branch in Dresden. The company has specialized in the design and construction of medium to large battery storage systems since April 2021. With its strategic partners, TRICERA is involved in the complete value creation process of batteries. A young and innovative team of over 70 employees, most of whom have more than ten years of experience in the field of renewable energy. TRICERA is active in Germany as well as internationally.