

Press release

TRICERA energy and Stadtwerke Karlsruhe sign contract for the construction of a battery storage system

TRICERA energy, the general contractor (EPC) and system integrator for large-scale battery storage systems, and Stadtwerke Karlsruhe, the regional energy and drinking water supplier in the Karlsruhe region, have signed a contract for the construction of a modern and powerful large-scale battery storage facility.

TRICERA will act as EPC for the planning, manufacture, delivery, construction and commissioning of the turnkey, functional large-scale battery storage facility. The facility with a usable capacity of 24 MWh and an output of 12 MW will be used for primary and secondary control power and will also participate in energy trading.

“The energy transition will succeed - we at Stadtwerke Karlsruhe are deeply convinced of this. The battery storage system will make a very important contribution here on site. By building the battery storage facility in Karlsruhe, we are showing citizens that we take sustainability and the energy transition seriously and are actively implementing them. I am looking forward to the realization of the project,” says Michael Homann, Chairman of the Management Board of Stadtwerke Karlsruhe.

The storage system is another building block for a stable energy supply in the region in an increasingly sustainable energy system. With its ability to quickly store and quickly release electricity, the large-scale battery storage system helps to keep the power grid stable and at the same time make sensible use of more electricity from the sun and wind.

Lars Fallant, Managing Director of TRICERA energy, adds: “With the battery storage project for Stadtwerke Karlsruhe, we are continuing our successful collaboration with municipal utilities. We are delighted to be able to support our partner in the success of the energy transition in the Karlsruhe region with our experience and expertise from over 40 projects. The project impressively demonstrates how municipal utilities can play their part in a sustainable energy future.”



Image: Symbolic image of a TRICERA battery storage system as it is being built for Stadtwerke Karlsruhe

Background TRICERA energy

o 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 (<500 kWh) to large (>2 MWh) battery storage systems, thus enabling an optimized, demand-oriented and renewable energy supply. The core business comprises four areas of expertise: Engineering and consulting, project development, system integration as well as O&M. 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>

Background Stadtwerke Karlsruhe

Stadtwerke Karlsruhe GmbH is the leading energy and water supplier in Karlsruhe and the region. As a municipal company, it reliably supplies over 300,000 people with electricity, gas, district heating and drinking water. With a clear focus on sustainability, the energy transition and digitalization, Stadtwerke is actively committed to the climate-friendly supply of the future. In addition to the traditional supply of energy and drinking water, Stadtwerke Karlsruhe also offers innovative services such as energy and environmental consulting, energy services and the expansion of the fiber optic network. Its tasks also include street lighting and telecommunications in Karlsruhe. With almost 1,200 employees and its subsidiary Stadtwerke Karlsruhe Netzservice GmbH, Stadtwerke Karlsruhe is one of the largest employers in the region. Through close cooperation with regional partners and universities, they make an important contribution to regional value creation.

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