
Press release

Michael Kellner visits TRICERA energy and EEW Energy from Waste's battery storage project – Clear expectations for policymakers

Michael Kellner, member of the German Bundestag and energy policy spokesperson for the Bündnis 90/Die Grünen parliamentary group, visited the innovative battery storage project by TRICERA energy and EEW Energy from Waste in Premnitz, Brandenburg, at the beginning of the new year. Together with the BVES Federal Association for Energy Storage Systems, he learned about the integration of storage systems to increase the flexibility of base load power plants.

The battery storage system, which is part of a thermal waste treatment plant for the first time, was the basis and starting point for intensive discussions on the current political framework and regulations for storage systems in general.

The project impressively demonstrates how battery storage and thermal waste utilization can be combined at a single location. However, this is still an isolated case. Suitable framework conditions are needed to enable such concepts to be implemented on a broad scale. According to the German Energy Storage Systems Association (Bundesverband Energiespeicher Systeme e. V.), there needs to be even greater awareness of the added value of energy storage systems among decision-makers such as local authorities, approval bodies, grid operators, and the industrial and commercial sector.

The guests fundamentally agreed that clear guidelines and decisions are also needed from the political side in order to make it easier for companies and investors to invest in renewable energies and battery storage as a flexibility option in the electricity grid and to minimize risks in this regard. Especially with regard to the grid fee reform, a clear commitment to flexibility is needed.

And: "Grid connection is currently the biggest bottleneck," says BVES Federal Managing Director Urban Windelen. "This is not just about the actual connection commitments, but about the entire process. We need more transparency regarding the connection situation, faster processes, and, especially at the distribution grid level, significantly more digitization and standardization in the connection process. But this also includes sharing experiences. Listening to each other. Building trust."

With regard to clear standards, Sebastian Siewers, Head of Energy at EEW, adds: "With the battery storage facility in Premnitz, we have implemented a pilot project together with our partner TRICERA energy that is the first of its kind to implement a battery storage system of this size and depth of integration at a thermal waste treatment plant in Germany. This was an important learning step for us, from which we have gained valuable practical insights for further storage projects. It shows that, in addition to the major and important energy policy decisions, it is often very specific issues that determine the pace and scalability – for example, in fire protection or in the approval process. In the US, for example, there are already established, nationally recognized standards for the planning and safety of battery storage systems. Germany does not yet

have such clear regulations. Especially at our sites, where volunteer fire departments are often responsible for fire safety, uniform standards would increase safety while significantly improving predictability and speed.

Lars Fallant, CTO of TRICERA energy, sums it up: "I would like to thank everyone involved for the open and constructive exchange and the excellent discussion during the plant inspection. In order to advance the urgently needed expansion of battery storage facilities, we need faster and, above all, predictable grid connection approvals. Flexible grid connection contracts that take into account the controllability of storage facilities can make efficient use of existing grid capacities. At the same time, a stable regulatory framework is crucial—only with reliable legal conditions without additional fees imposed retrospectively can storage projects remain economically viable."

Unimpressed by this, the battery storage system in Premnitz, with a capacity of 15 megawatt hours (MWh) and an output of 7 megawatts (MW), is entering its final project phase before commissioning. In the future, it will stabilize the power grid by absorbing or releasing electricity at short notice. It will also participate in electricity trading.



Image: Michael Kellner at the obligatory press photo shoot during the inspection of battery storage facility



Image: Drone image of the TRICERA energy battery storage system on the EEW site in Premnitz

Background TRICERA energy

To a new era – that is the vision of TRICERA energy GmbH. The sustainable company, based in Freiberg and Dresden, specialises in the development, construction and operation of large (>2 MWh) battery storage systems, thus enabling an optimised, demand-oriented and renewable energy supply. The core business comprises four areas of expertise: engineering and consulting, project development, system integration, and maintenance and technical operation. 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 energy transition. To date, TRICERA has installed 280 megawatt hours of capacity and 152 megawatts of power.

Further information at: <https://tricera.energy>

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