

E.ON has connected its second large-scale mobile battery storage system to the distribution network in Hungary.

The mobile energy storage systems are designed to tackle local challenges in the distribution networks, reduce network overloads, promote decentralized generation, increase flexibility in the networks and eventually enable energy communities. It is an interim solution for local hotspots where new renewable plants, exceed the currently available connection capacities. The storage system ensures that energy from renewable sources can be flexibly aligned with consumer needs.

The mobile storage system is located in the village of Duzs and is expected to help for the further expansion of green energy in the region which offers great conditions for solar energy but the installation of more solar plants has slowed down due to insufficient grid capacities. Two large solar power plants already in operation are located close to E.ON's storage system.

This is the third storage system of this kind connected by E.ON following the one in Mecklenburg-Western Pomerania, Germany and another one in Zanka, western Hungary. CEO of E.ON Hungary Attila Kiss said that the total installed capacity of solar power plants connected to the network has increased 20-fold in the last four years in E.ON's service area in Hungary alone and will continue to rise in the future. With these solutions, E.ON wants to help households and businesses benefit from this development and use local green electricity where it is generated. This strengthens local value creation and makes the switch to renewables more attractive, Kiss concluded.