



# T&#252;rkiye energy storage fire fighting

How big is T&#252;rkiye's energy storage capacity?

T&#252;rkiye's 35 GWh storage capacity accounts for grid-scale projects alone. Global energy storage investments have surpassed 150 GWh. T&#252;rkiye has already begun installations in Hungary, Bulgaria, and Spain, leveraging its geographic advantage close to Europe.

Where does T&#252;rkiye invest in energy storage?

Global energy storage investments have surpassed 150 GWh. T&#252;rkiye has already begun installations in Hungary, Bulgaria, and Spain, leveraging its geographic advantage close to Europe. Tokcan highlighted the importance of local expertise in manufacturing, system management, and maintenance to avoid dependency on foreign firms.

Are lithium-ion battery energy storage systems fire safe?

With the advantages of high energy density, short response time and low economic cost, utility-scale lithium-ion battery energy storage systems are built and installed around the world. However, due to the thermal runaway characteristics of lithium-ion batteries, much more attention is attracted to the fire safety of battery energy storage systems.

What happens if an energy storage station fires?

Since a large amount of energy is stored in the energy storage station in the form of chemical energy, once this energy is released in the form of heat and fire, it will cause serious damage. For example, in 2024, three LFP battery energy storage station fire accidents occurred in Germany within three months.

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