

Kyiv Distributed Energy Storage Project





Overview

How many energy storage plants are there in Ukraine?

The six energy storage plants will be located at multiple sites across Ukraine, with capacities ranging from 20 MW to 50 MW and a total capacity of 200 MW. Together, they will store up to 400 MWh of electricity - enough to supply two hours of power to 600,000 homes (equivalent to roughly half the households in Kyiv).

How many battery energy storage systems are there in Kyiv & Dnipropetrovsk?

The six battery energy storage systems (BESS) range from 20MW to 50MW each, have been connected to the power grid in the Kyiv and Dnipropetrovsk regions, and will provide ancillary services to transmission system operator (TSO) Ukrenergo.

Why is Ukraine investing €140 million in energy storage?

The €140 million total investment aims to enhance power grid stability, bolstering Ukraine's energy security and independence. The project will be the biggest operational energy storage portfolio in Eastern Europe at the time of commissioning.

Which large-scale energy deployments are happening in Ukraine?

Other large-scale deployments in Ukraine that Energy-Storage.news has reported on include one from energy firm KNESS and a plan from the State Agency on Energy Efficiency and Energy Saving of Ukraine (SAEE) to deploy distributed BESS projects for resiliency.



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Total Capacity: 200 MW / 400 MWh Sites: Six distributed facilities across Kyiv and ...



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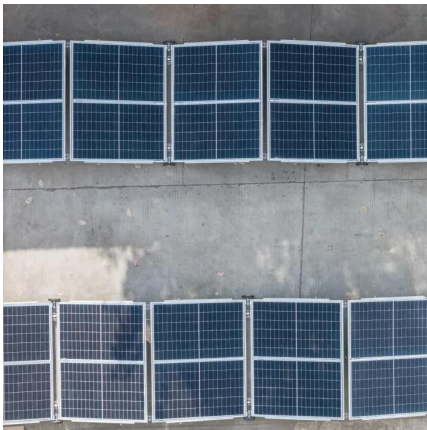
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The 200 MW/400 MWh installation spans six sites ranging from 20 MW to 50 MW and connected to the power grid in the Kyiv and Dnipropetrovsk regions. DTEK invested EUR125 million (\$146 ...

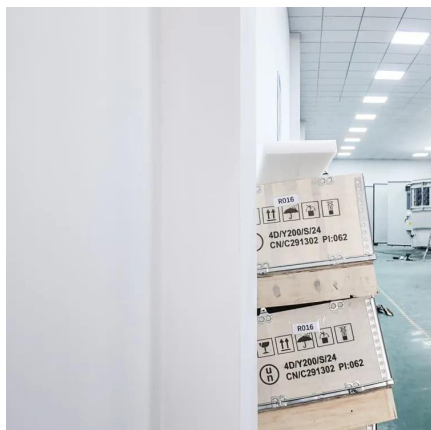


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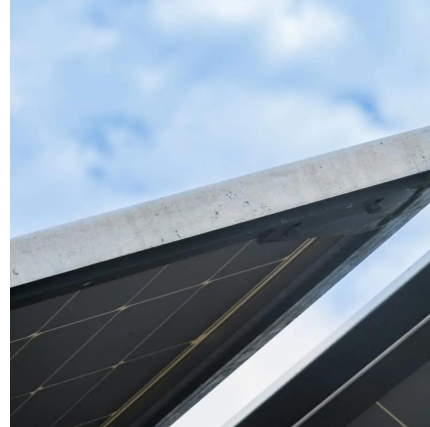
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Sep 16, 2025 · The project comprises six energy storage sites, each with a capacity ranging from 20MW to 50MW, totaling 200MW/400MWh. The overall system can provide dispatchable ...



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