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Kiev's energy storage field is transforming



Overview

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.

Will a new battery storage facility strengthen Ukraine's grid?

Sept. 10, 2025. (Bohdan Nazarenko/DTEK) Ukraine's biggest private energy firm, DTEK, has launched a major battery storage facility that will bring power to hundreds of thousands of homes and strengthen the grid ahead of expected Russian attacks this winter, the company said.

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).

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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Strong storage systems will enable broader utilization of solar energy and reduce energy price fluctuations. The KNESS project, in which Oschadbank participates, is one of the ...

DTEK and Fluence have put a 200MW/400MWh battery energy storage system (BESS) portfolio in Ukraine into commercial ...

As part of the project, six facilities ranging from 20 to 50 MW were connected across Kyiv and Dnipropetrovsk regions. Construction ...

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DTEK, Ukraine's biggest private energy company, has begun final commissioning of the country's largest battery energy storage project,, developed in partnership with Fluence ...

In the spring of 2025, Ukraine's energy sector finds itself at a crossroads. Underneath the constant hum of reconstruction and the lingering threat of war, a quiet ...

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