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Ukraine s most popular energy storage device

Overview

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IPP DTEK Group and system integrator Fluence have together put a 200MW/400MWh BESS portfolio in Ukraine into commercial operation, a milestone praised by the country’s energy minister Svitlana Grinchuk. The six battery energy storage systems (BESS) range from 20MW to 50MW each, have been connected.

DTEK's Fluence Gridstack battery units at one of six energy storage sites across Ukraine, part of the country's largest battery energy storage project announced on July 10, 2025. (DTEK press service) DTEK, Ukraine's biggest private energy company, has begun final commissioning of the country's.

Ukraine’s 200 MW/400 MWh battery project dwarfs most Eastern European installations, and is expected to come online in October 2025, ahead of the winter. From ESS News DTEK and Fluence have begun commissioning Ukraine’s largest battery energy storage system, a 200 MW/400 MWh installation spread.

DTEK and Fluence Energy have entered the commissioning phase for Ukraine’s largest battery energy storage system (BESS) – 200MW of capacity spanning six sites across the country. This project now ranks among the biggest in Eastern Europe. The portfolio includes 698 Fluence Gridstack cubes with a.

Fluence and DTEK complete Ukraine's largest battery storage project, enhancing energy stability with a capacity of 200 MW. Fluence Energy, in partnership with DTEK Group, has successfully completed Ukraine's largest battery-based energy storage project, with a capacity of 200 MW, in under six.

Despite the array of backup systems currently on the market—ranging from diesel generators to basic battery packs—significant gaps remain Below, we explore what types of storage systems Ukrainians need most, the shortcomings of existing options, and why developing this sector in alternative energy. Why did DTEK launch the largest battery storage facility in Eastern Europe?

(Bohdan Nazarenko/DTEK)© Kyiv Independent DTEK has launched the largest battery storage facility in eastern Europe to bolster Ukraine's energy system ahead of expected mass Russian attacks on infrastructure this winter, the Ukrainian energy giant announced on Sept. 10.

Will Russia attack Ukraine's energy facilities?

"This system is bringing more resilience to the energy system," DTEK ’s CEO Maxim Timchenko said at a press briefing on Sept. 10, later adding that he anticipates Russia will resume heavy attacks on Ukraine’s energy facilities. Initially, a press tour was arranged at one of the battery sites in Kyiv Oblast on Sept. 10.

How long does it take to build a thermal power plant in Ukraine?

Constructions of this size normally take 12-15 months, but DTEK noted Ukraine’s urgency for the project to commence before the autumn-winter season. The country is bracing for another wave of Russian attacks, with a recent strike on a thermal power plant in Kyiv Oblast cutting off electricity to part of the region on Sept. 8.

How much money did DTEK invest in Kyiv?

Shortly after, Russian drones and missiles targeted Kyiv and the surrounding area. DTEK invested 125 million euros ($146 million) into the project and built it in record time between March and August 2025, with commercial operations starting on Oct. 1.

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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 ...

DTEK Group, together with the U.S. company Fluence, a global leader in energy storage, commissioned 200 MW of capacity with a total storage volume of 400 MWh. The new ...

The energy storage systems are set to enhance grid stability and resilience in Ukraine, contributing to improved electricity supply security. Fluence's innovative approach to remote ...

Below, we explore what types of storage systems Ukrainians need most, the shortcomings of existing options, and why developing this sector in alternative energy is crucial.

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The leading energy firm in Ukraine partnered with U.S.-based company Fluence Energy Inc. to build and connect six new battery storage systems to the grid in the Kyiv and Dnipropetrovsk ...

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