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Ukraine Energy Storage Projects 2025



Overview

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Fluence and DTEK (through its subsidiary DTEK Renewables) plan to complete the project by October 2025, so that systems are in place before the 2025/26 winter season to strengthen the Ukrainian power grid against outages.

DTEK and Fluence have begun commissioning Ukraine's largest battery energy storage system, a 200 MW/400 MWh installation spread across six sites that represents one of the biggest storage.

According to DTEK, the project can store 400 megawatt-hours of electricity — enough to power 600,000 Ukrainian homes for two hours. DTEK announced that commercial operations are scheduled to begin in October 2025, just before Ukraine's critical winter heating season.

The new storage systems are expected to increase supply security, reduce outage risks, and enhance grid decentralization, contributing to Ukraine's long-term energy resilience.

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