

Ukrainian large-scale energy storage battery application



Overview

In February 2025, the GSL team successfully installed a 600kWh battery large-scale commercial energy storage system for a Ukrainian company, which is primarily used to support the business in maintaining critical electricity loads during grid fluctuations while also optimizing. In February 2025, the GSL team successfully installed a 600kWh battery large-scale commercial energy storage system for a Ukrainian company, which is primarily used to support the business in maintaining critical electricity loads during grid fluctuations while also optimizing. Ukrainian private utility DTEK has energised the largest battery storage project in the war-torn country and one of the biggest ones in Eastern Europe. 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. Industry estimates indicate that Ukraine installed about 1. This brought the country's cumulative solar capacity to well over 8.5 GW by year-end, demonstrating robust growth despite ongoing challenges. In urban centers, high energy costs are pushing more property owners to adopt solar & storage for long-term savings and energy independence. Ukraine's second most profitable bank, state-owned Oschadbank, state-owned Ukrgasbank, and PUMB will provide the. To implement the first large-scale project in Ukraine to create a portfolio of energy storage systems based on batteries, the Ukrainian company DTEK has chosen Fluence Energy B., a subsidiary of Fluence Energy, Inc, which is a global leader in the energy storage market, as a partner.

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Ukraine's first grid-scale battery energy storage system comes online

The first pilot deployment of a large-scale electrochemical energy storage system (ESS) has been completed in the Ukraine, less than a year after system supply contracts were signed.

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the Ukrainian Energy

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DTEK to build one of Europe's largest energy storage facilities

Ukraine's largest private energy company DTEK secured a \$72-million loan to build one of the largest battery energy storage complexes in Eastern Europe, the company said on June 3.

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Ukraine's DTEK invests in major battery storage to bolster energy

Ukrainian private energy firm DTEK has launched the country's largest battery storage facility to ensure stable power supplies in the face of Russian attacks on Ukraine's energy sector,

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Ukraine is implementing a large-scale project to equip modern energy

To implement the first large-scale project in Ukraine to create a portfolio of energy storage systems based on batteries, the



Ukrainian company DTEK has chosen Fluence Energy B.V., a ...

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The expansion was driven by strong interest from commercial and industrial (C& I) users, utility-scale developers, agriculture customers, municipalities and residential consumers alike, ...

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Ukraine's largest battery storage project enters commissioning phase

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

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