

Ukrainian mobile energy storage system capacity





Overview

Construction took place from March to August 2025 and cost DTEK €125 million. The total storage capacity of the system reaches 400 MWh, which is sufficient to power up to 600,000 Ukrainian households for two hours. How many gas storage facilities are there in Ukraine?

Ukraine has 12 gas storage facilities operated by Ukrtransgaz. Five of these are located in Western Ukraine, two in Central Ukraine and five in Eastern Ukraine. In addition one gas storage, the Hlibivske storage facility, operated by Chornomornaftogaz, is located in Crimea and currently is not controlled by Ukraine authorities.

Will DTEK build a 200MW battery energy storage system in Ukraine?

DTEK unveils €140m plan for 200MW battery energy storage systems in Ukraine. (Credit: DTEK) DTEK Group, a private investor in Ukraine's energy sector, has announced a €140m investment plan to construct a series of battery energy storage systems (BESS) in the country with a combined capacity of 200MW.

What does DTEK's new energy storage system mean for Ukraine?

The new project aims to strengthen Ukraine's energy security and support the transition to a greener energy system. DTEK Group aims to commission the new storage systems by September 2025.

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.

What ancillary services will Ukraine's transmission system operator UkrEnergo provide?



Once operational, these energy storage facilities will provide ancillary services to Ukraine's Transmission System Operator Ukrenergo. The services will include automatic frequency restoration reserves, which DTEK Group secured the rights to offer following a competitive auction held on 22 August 2024, alongside other industry participants.



Ukrainian mobile energy storage system capacity

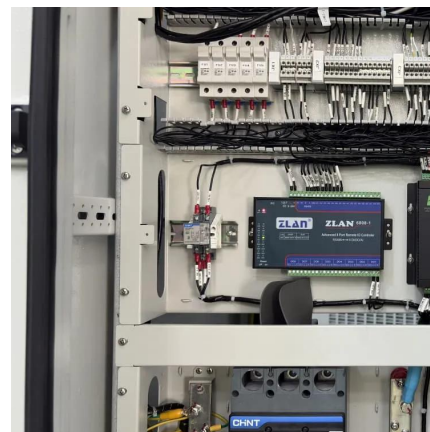


[The largest complex of energy storage systems with a capacity of ...](#)

9 hours ago· The complex is located in two regions of Ukraine and was built by DTEK in partnership with the American company Fluence Energy. Investments in the project amounted ...

[Ukraine's biggest battery storage project goes online](#)

1 day ago· 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 ...



[Keeping the lights on: How Ukraine can build a resilient energy system](#)

More than ever, Ukraine needs support to transition towards a long-term energy system that is resilient, flexible and secure. The EU has the expertise, the ability and the will to ...

[Ukrainian Air Energy Storage Equipment: Powering the Future of](#)

The Road Ahead: What's Next for Ukrainian CAES? Rumors swirl about a floating CAES platform in the Black Sea. Imagine storing



energy in underwater air tanks--like a submarine sandwich ...



[Ukraine's DTEK rolls out 200 MW energy storage system](#)

1 day ago · Photo: DTEK Rinat Akhmetov's DTEK, Ukraine's largest private energy company, has commissioned a decentralized energy storage system (batteries) with a total capacity of 200 ...



DTEK selects Fluence to deliver 200 MW advanced energy storage systems

The EUR140 million total investment aims to enhance power grid stability, bolstering Ukraine's energy security and independence. The project is split between six energy storage ...



[Ukraine's largest BESS enters operation with a total capacity of ...](#)

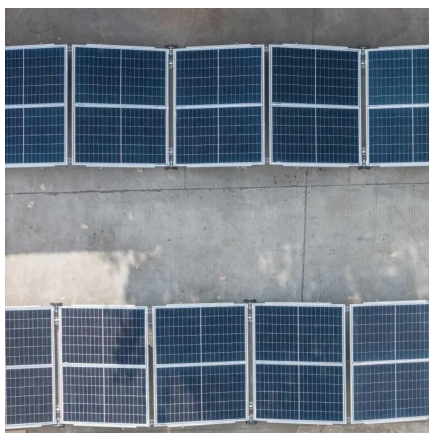
Ukrainian energy group DTEK, in partnership with Fluence, a global leader in smart energy storage, has completed the country's largest battery energy storage project to date, with a total ...





[Total installed capacity of power plants of the United Energy ...](#)

The Ukrainian power system with installed capacity 59 018 MW with electricity production 156 000 GWh per year, was designed and built in the middle of the last century, according to the ...



[DTEK energises 200MW battery facility in Ukraine .Smart Energy](#)

1 day ago· The facility consists of six new battery storage systems, each with a varying capacity ranging from 20 to 50MW, with a collective capacity to store 400MWh of electricity - enough to ...

[Mobile energy storage systems with spatial-temporal flexibility for](#)

Therefore, mobile energy storage systems with adequate spatial-temporal flexibility are added, and work in coordination with resources in an active distribution network and repair ...



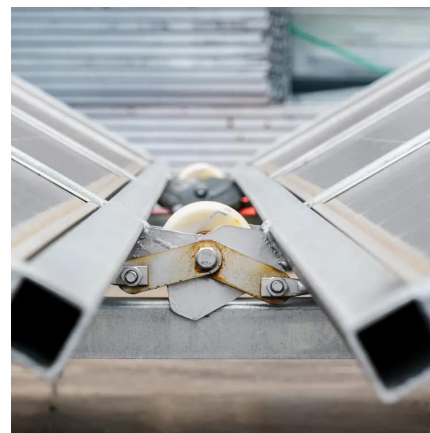
[DTEK Launches Ukraine's Largest 200 MW Energy Storage System](#)

1 day ago· 200 MW Battery Storage Connected to the Grid DTEK Group, in partnership with American company Fluence, has officially connected Ukraine's largest battery-based energy ...



[Ukrainian Energy Storage Power Stations: A Strategic Response ...](#)

Why Ukraine's Energy Crisis Demands Immediate Storage Solutions As of March 2025, over 60% of Ukraine's pre-war power generation capacity remains offline due to sustained infrastructure ...



[DTEK and Fluence energise the largest energy storage](#)

1 day ago· These forward-looking statements include, without limitation, statements regarding anticipated operational performance of these energy storage systems and projects, impact on ...

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.legnano.eu>