

## Ukraine energy storage project



## Overview

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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.

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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, Ukraine's largest private energy company, in collaboration with U.S.-based Fluence, will deploy energy storage systems across the country with a total capacity of 200MW/400MWh. With a total investment of €140 million, this project is not only Ukraine's first large-scale energy storage.

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.

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.

The project will be the biggest operational energy storage portfolio in Eastern Europe at the time of commissioning. DTEK, Ukraine's largest private energy company, has selected Fluence Energy B.V., a subsidiary of Fluence Energy, Inc. (NASDAQ: FLNC) ("Fluence"), a global market leader delivering.

DTEK, Ukraine's biggest private energy company, has begun final commissioning of the country's largest battery energy storage project, the company announced on July 10 at the Ukraine Recovery Conference (URC) in Rome. Since the beginning of the full-scale invasion, Russia has deliberately targeted. 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.

How much electricity will DTEK store in Ukraine?

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.

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.

## Ukraine energy storage project



### Ukraine 400kWh Energy Storage Cabinet Project

Project Overview Located in the Kyiv region of Ukraine, this project is designed for a local factory to ensure uninterrupted production during power outages. The system comprises 4 units of ...

### Ukraine non-profit marks renewables milestone with school project

Energy Act for Ukraine Foundation equips school with solar and storage to ensure it can stay open even when power is down.



### DTEK selects Fluence to deliver 200 MW advanced energy ...

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 ...

### DTEK and Fluence Energize Ukraine's Largest Energy Storage ...

Fluence Energy B.V., a subsidiary of Fluence Energy, Inc., and DTEK Group, Ukraine's largest

private energy company, have energized Ukraine's largest battery-based ...



## Fluence and DTEK Partner to Deliver Ukraine's First Large-Scale ...

DTEK, Ukraine's largest private energy company, has partnered with Fluence Energy to supply the country's first large-scale battery-based energy storage portfolio. This ...

## DTEK and Fluence battery project goes into commissioning

DTEK and Fluence Energy have commenced an early start of commissioning on their battery energy storage project, the largest in Ukraine.



## DTEK selects Fluence to deliver 200 MW advanced energy

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## DTEK and Fluence energise the largest battery storage facility in

DTEK Group, in partnership with Fluence, a global market leader delivering intelligent energy storage, has energised Ukraine's largest battery-based energy storage ...

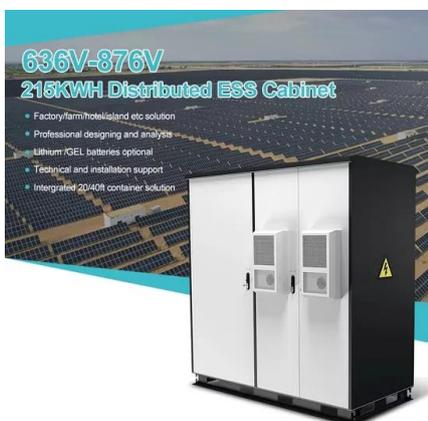


## DTEK Selects Fluence to Deliver 200 MW Advanced Energy Storage ...

DTEK, Ukraine's largest private energy company, has selected Fluence Energy B.V., a subsidiary of Fluence Energy, Inc. (NASDAQ: FLNC) ("Fluence"), a global market ...

## DTEK's DRI acquires 112MW Polish battery project from Greenvolt

DRI, the EU renewables arm of Ukrainian energy company DTEK, has acquired rights to build a battery energy storage system (BESS) in Kozenice, located in the east-central ...



## DTEK and Fluence Energize Ukraine's Largest Energy Storage ...

Built in under six months, the project is designed to stabilize Ukraine's power grid ahead of the winter season. Due to wartime restrictions, the project was commissioned ...

## LARGEST BATTERY ENERGY STORAGE SYSTEM ...

LSP Renewables commends the recent announcement by DTEK, which has secured UAH 3 billion (EUR67 million) in financing from a consortium of Ukrainian ...



## World's largest solar + storage facility operational in California

The Edwards & Sanborn Solar + Energy Storage site is now operational in Kern County, California. The project generates 875MWdc of solar energy and has 3,287MWh of ...

## Three B4850+LuxPower Parallel Home Energy Storage Project in Ukraine

Dyness B4850 battery modules have been used to provide a stable power supply solution in Ukraine by connecting 3 units in parallel. This initiative not only demonstrates the high ...



## DTEK and Fluence energise the largest battery storage facility in Ukraine

DTEK Group, in partnership with Fluence, a global market leader delivering intelligent energy storage, has energised Ukraine's largest battery-based energy storage ...

## DTEK and Fluence to build Ukraine's largest battery storage ...

DTEK, Ukraine's largest private energy company, and Fluence Energy, a global energy storage company, have announced the early start of commissioning for Ukraine's ...



## Rebuilding Ukraine's energy sector: International support and

International support and investment can help to not only restore but also modernize and secure Ukraine's energy sector. Below, we explore the extent of the damage, ...

## Ukraine's Largest Battery Storage Project Enters Final ...

Despite the many challenges of building energy projects in a war zone, Ukraine's largest battery energy storage project has entered its final delivery phase - ahead of ...

- LIQUID/AIR COOLING
- INTELLIGENT INTEGRATION
- PROTECTION IP54/IP55
- BATTERY /6000 CYCLES



## DTEK selects Fluence to deliver 200 MW advanced energy storage ...

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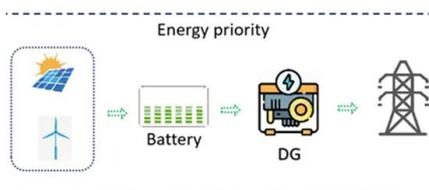
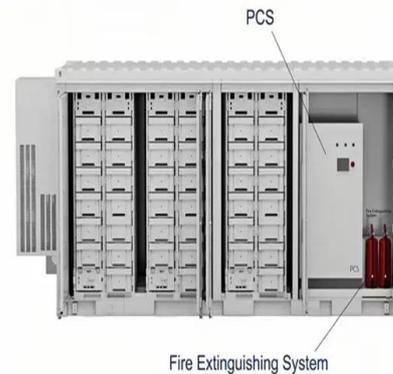


## DTEK and Fluence turn on 200MW Ukraine battery storage units

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

## Ukraine's Energy Future: Mapping Opportunities and ...

To support a green and sustainable energy transition in Ukraine, it is crucial to eschew investment projects that could trap Ukraine in lock-in ...



## DTEK to invest \$155m in 200MW energy storage systems

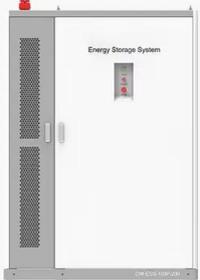
DTEK will invest EUR140m to develop energy storage systems with 200MW capacity to bolster Ukraine's energy security and improve grid stability.

## Fluence and DTEK Launch Landmark Energy Storage Project in Ukraine

Discover how Fluence and DTEK are transforming Ukraine's energy storage landscape with a groundbreaking project boasting a total capacity of 200 MW.



**PRODUCT INFORMATION**



-  **BATTERY CAPACITY**  
50kWh~500kWh
-  **DC VOLTAGE RANGE**  
400V~1000V
-  **DEGREE OF PROTECTION**  
IP54
-  **OPERATING TEMPERATURE RANGE**  
-10~50°C

## DTEK Partners with Fluence to Launch EUR140 Million Energy Storage

The project aims to enhance Ukraine's energy security and independence by creating six energy storage sites that will provide a total of 400 MWh of dispatchable energy, ...

## DTEK to instal 200MW of energy storage capacity in Ukraine

The project, with an investment of EUR140 million (\$143 million), will lead to the delivery of Ukraine's first large-scale battery-based energy storage portfolio and the provision ...



**TAX FREE** 

**Product Model**  
 HJ-ESS-215A(100KW/215KWh)  
 HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
 1600\*1280\*2200mm  
 1600\*1200\*2000mm

**Rated Battery Capacity**  
 215KWH/115KWH

**Battery Cooling Method**  
 Air Cooled/Liquid Cooled



## 400MWh! Ukraine Purchases Fluence Energy Storage System

According to Chuneng.BJX, on January 13, Ukrainian energy company DTEK entered into a partnership with energy storage system integrator Fluence Energy. Fluence is ...

## DTEK selects Fluence to deliver 200 MW advanced energy storage ...

The project is split between six energy storage sites across Ukraine and will provide 400 MWh of dispatchable energy - enough to supply short-term power for 600,000 ...



## GSL ENERGY's Mini Energy Storage Solution is the ...

Recently, GSL ENERGY has learned that Ukraine and British technology companies have joined forces to launch the "RISE" program, which ...

## DTEK Partners with Fluence to Launch EUR140 Million Energy Storage

DTEK and Fluence announce a EUR140 million project for Ukraine's largest energy storage portfolio to enhance power grid stability.



## Ukraine 10kWh Stacked All-in-One 10kWh Energy Storage Project

This project is located in the Kyiv region of Ukraine and is designed to provide an integrated energy storage solution for small villa residents. The system consists of 10kWh stacked all-in ...

## DTEK closes loan agreement for 180MW battery ...

The project consists of an investment of EUR140 million (\$143 million) and will lead to the delivery of Ukraine's first large-scale battery-based ...



## Ukraine's largest battery energy storage project enters final ...

DTEK, Ukraine's biggest private energy company, has begun final commissioning of the country's largest battery energy storage project, the company announced ...

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