



# Ukraine recommends energy storage batteries

Will a new battery storage facility strengthen Ukraine's grid?

Sept. 10, 2025. (Bohdan Nazarenko/DTEK) 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 of expected Russian attacks this winter, the company said.

How much solar does Ukraine need?

Estimates from the agency add that Ukraine needs to deploy around 24 GW of distributed PV before the end of 2030, alongside 5.6 GWh of BESS, to create a more decentralized and secure power system and achieve objectives featured in its national energy and climate plan. As of 2024, the country had around 7 GW of distributed solar.

What are Ukraine's policies for distributed solar?

Ukraine's existing policies for distributed solar include low interest loans provided by the government, available only in conjunction with the recently-introduced net-billing scheme. The net-billing scheme allows households to sell surplus electricity at the hourly wholesale electricity price, minus distribution system operator charges and taxes.

Will IEA increase the deployment of distributed solar & Bess in Ukraine?

The IEA has proposed three potential policies to increase the deployment of distributed solar and BESS in Ukraine. The agency's latest report says distributed solar has played a key role in restoring and adding energy capacity in Ukraine since Russia's invasion, which has repeatedly targeted energy infrastructure.

In just six months -- under shelling, blackouts, and wartime restrictions -- Ukraine completed Eastern Europe's largest battery storage project: 200 megawatts / 400 megawatt-hours of ...

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 of expected ...

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 months. This project consists ...

Ukraine's energy storage market is exploding amid crisis. Explore key drivers, investment opportunities in utility, C&I, and residential segments, and strategies for entering this high-growth ...

The system is designed to provide 400 MWh of storage capacity, which the companies state is sufficient to power 600,000 Ukrainian homes for two hours. Bulgaria has an operational 124 ...

DTEK, Ukraine's biggest private energy company, has begun final commissioning of the country's largest battery energy storage project, developed in partnership with Fluence Energy Inc., ...



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On July 10 - Maxim Timchenko, CEO of DTEK, led a session at a URC stage, launching Ukraine's biggest-ever battery storage project, using U.S.-made batteries from Fluence. Julian ...

A report by the International Energy Agency (IEA) recommends three strategies to accelerate the deployment of distributed solar and battery energy storage systems (BESS) in ...

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 schedule.

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 ...

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