

Energy storage batteries under construction in eastern europe



Overview

Europe is racing to add very large grid batteries to balance rising wind and solar output. As of mid-late 2025, four utility-scale Battery Energy Storage System (BESS) projects stand out by size — each designed in the 0.8 GWh class and backed by reputable developers and public filings. Below is a list of these projects.

Hithium will supply its latest 6.25MWh DC block products to engineering, procurement and construction (EPC) company Solarpro, for projects in Eastern Europe. Chinese vertically integrated lithium-ion (Li-ion) battery manufacturer Hithium focuses on the stationary battery energy storage system. There are 147 energy storage projects under construction in Europe, with a total capacity of 14 GW, according to the European Energy Storage Inventory, launched by the European Commission. The European Energy Storage Inventory comprises operational, under construction, permitted, and announced. Privately held MASS Group Holding plans to invest more than €1 billion (~\$1.4 billion) in Europe's battery supply chain. It has reached several development milestones as manufacturing facilities transition from construction to operation and new projects secure investment approvals across the continent. The Gigafactory Envision AESC in Douai, France, has begun commercial operations, moving.

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Huawei, EVE Energy secure major battery storage deals in Central ...

Independent power producer GoldenPeaks Capital (GPC) and the Polish arm of China's battery manufacturer Huawei have signed a memorandum of understanding to collaborate on the ...

Energy storage

In March 2025, the Commission launched the European Energy Storage Inventory, a real-time dashboard that displays energy storage levels across different European countries. It is the ...



EU Battery Storage Market Review 2025

A resilient and cost-efficient energy system requires both centralised and decentralised flexibility, making the reactivation of residential and commercial storage a priority. This edition of the ...

Europe's battery supply chain gains momentum with key project

Europe's battery supply chain has reached several development milestones as manufacturing facilities transition from construction to operation and new projects secure investment ...



GEN-I to optimize operation of R.Power's battery system in Romania

GEN-I and R.Power have signed a long-term optimisation agreement for the Scornicesti battery energy storage system (BESS), one of Romania's largest utility-scale storage projects ...

14 GW of energy storage capacity under construction in Europe

There are 147 energy storage projects under construction in Europe, with a total capacity of 14 GW, according to the European Energy Storage Inventory, launched by the European ...



Europe's giant batteries: the four biggest planned/under ...

LPR Series 19'
Rack Mounted



Discover the largest planned and under-construction battery energy storage projects in Europe as of mid-late 2025.

Romania Lines Up EUR1 Billion Battery Storage Build After Government ...

The Romanian deal mirrors what's happening across Eastern Europe, where governments are beginning to treat battery storage as core infrastructure rather than an experimental add-on. Many ...



Energy Storage in Europe

LFP spot price comes from the ICC Battery price database, where spot price is based on reported quotes from companies, battery cell prices could be even lower if batteries are purchased in high ...



Hithium signs deal for Eastern Europe BESS projects featuring 587Ah

The batteries at Solarpro's Eastern Europe projects will be designed to perform long-duration energy storage (LDES) applications, which Hithium said would make them most effective in ...



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