

Energy storage exports in 2025



Overview

The global energy storage market is expected to reach ****288 GWh**** by 2025, with a ****compound annual growth rate (CAGR) of 53%**** from 2021 to 2025. The United States, China, and Europe are the leading regions driving this growth, together accounting for over 75% of total deployments.



Article Content

Genesis Mission

Genesis Mission brings together the Department of Energy's 17 National Laboratories with America's leading universities and industry, including pioneers in artificial intelligence, computing, materials,

Renewable Energy Pillar

EERE's applied research, development, and demonstration activities aim to make renewable energy cost-competitive with traditional sources of energy. Learn more about EERE's work in geothermal,

Global energy storage

The global battery industry has been gaining momentum over the last few years, and investments in battery storage and power grids were

Energy Department Announces Largest Loan in Department History ...

U.S. Secretary of Energy Chris Wright today announced the Department of Energy's Office of Energy Dominance Financing (EDF) has closed a historic \$26.5 billion loan package to

The Nation's Nuclear Reactor Fleet Is on the Rise

The U.S. Department of Energy's (DOE) Office of Nuclear Energy is underway with a new effort that will use existing nuclear energy infrastructure to put more power on the grid. The Utility

FACT SHEET: The Energy Department Is Delivering On Accelerating

The Department of Energy (DOE) is fully committed to unleashing America's next nuclear renaissance, from reinvigorating domestic supply chains to delivering gigawatts of new reactors.

Department of Energy

Genesis Mission leverages the Department of Energy's unique scientific datasets—spanning more than 100 petabytes of experimental and simulation data across every major domain of science—to double

1H25 global and non-China energy storage cell shipment rankings

In 1H25, the energy storage cell market outperformed conservative expectations, showing an optimistic trend. At present, China has completed its shift to new growth drivers, with

FY 2026 Budget Justification | Department of Energy

Fiscal Year 2026 Budget Justification documents to support the Department of Energy Budget Request to Congress

Annual Energy Outlook 2025

AEO2025 represents the culmination of a year-long effort that enabled major upgrades to NEMS. Our policy assumptions are central to

Energy storage in 2025: Year in review

In 2025, US energy storage sector experienced a turbulent ride as the Trump administration took significant action to roll back and eliminate key

2026 DOE 202 (c) Orders

On January 26, 2026, the Department of Energy (DOE) issued an emergency Order No. 202-26-07, pursuant to section 202 (c) of the Federal Power Act, to Duke Energy Carolinas, LLC and

THE STATE OF AMERICAN ENERGY: Promises Made, Promises Kept

The Energy Department is Delivering on President Trump's Agenda of to Unleash American Energy Dominance.

Office of Critical Minerals and Energy Innovation

The Office of Energy Technology will continue to lead the world in research and development for cutting-edge energy technologies, fuels, chemicals, and hydropower.

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