

2025 advanced energy storage projects



Overview

Department of Energy's (DOE) Office of Electricity (OE) today announced three storage technologies projects that will receive up to \$5 million each to demonstrate the ability of energy storage to support critical facilities and infrastructure during a power outage. - The U. energy storage industry installed a record-shattering 57.6 gigawatt-hours (GWh) of new capacity in 2025, the largest single year of new battery capacity additions on record. Despite actions in Washington targeting clean energy, energy storage installations grew 30% from the previous. Backed by \$2 billion in private capital, Arevon's Eland project can meet 7% of LA's energy needs - cutting costs, curbing outages, and building a more resilient grid. At the edge of California's. WASHINGTON, D. 3 gigawatts (GW) installed nationwide, pushing 2025 year-to-date totals ahead of combined 2024's installations according to the latest U. Despite policy changes and uncertainty in the world's two largest markets, the US and China, the sector continues to grow as developers push forward with larger and larger utility-scale projects. Funding is from the Critical Facility Energy Resilience (CiFER) FOA. Department of. As the founder and moderator of the Energy Storage Exchange Club - a dynamic LinkedIn community of over 15,000 experts pioneering advancements in Battery Energy Storage Systems (BESS), grid-scale storage, and renewable energy integration - I'm excited to reflect on the monumental strides made in.

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[The top nature and climate stories of 2025 , World Economic Forum](#)

2025 has brought both challenges and breakthroughs for nature and climate around the world. From 'no deal' on a global plastics treaty to renewables overtaking coal in power production,

This is how people in 2025 are getting their news

The 2025 Digital News Report, which distills data from six continents and 48 markets, finds that these traditional news media sources are struggling to connect with the public, with



These are the Top 10 Emerging Technologies of 2025

The World Economic Forum's latest Top 10 Emerging Technologies report explores the tech on the cusp of making a massive impact on our lives.

[A \\$2 Billion Solar-plus-Storage Powerhouse: Eland , Arevon](#)

By pairing utility-scale solar with advanced energy storage technology, Eland delivers low-cost electricity to meet LA's growing energy needs - including when demand spikes.





[U.S. Adds 58 GWh of New Energy Storage Capacity in 2025](#)

The U.S. energy storage industry installed a record-shattering 57.6 GWh of new capacity in 2025, the largest year of new additions on record.

Gender Gap Report 2025 , World Economic Forum

Global Gender Gap Index 2025 benchmarks gender parity across 148 economies, offering trend analysis, key findings, and insights into progress since 2006.



Global Energy Storage Growth Upheld by New Markets

The global energy storage market is poised to hit new heights yet again in 2025. Despite policy changes and uncertainty in the world's two largest

Today in Energy

In 2025, capacity growth from battery storage could set a record as we expect 18.2 GW of utility-scale battery storage to be added to the grid. U.S. battery storage already achieved record growth in 2024



The Top 10 Largest Renewable Energy Storage

Drawing from comprehensive industry data, here's my exclusive ranking of the Top 10 Largest Renewable Energy Storage Projects of 2025

[What's happening across global labour markets in 2025? , World](#)

Explore 2025 labour market trends: Record wages in Brazil, low US participation, UK four-day workweek rise, and China's youth job challenges.



[REPORT: US Energy Storage Installations Through Q3 2025 Surpass](#)

Wood Mackenzie projects Q4 2025 will set a record for the residential sector as customers accelerate installations ahead of the Section 25D tax credit expiration. The Community,

[In charts: 7 global shifts defining 2025 so far , World Economic Forum](#)

2025 has been marked by significant global shifts, including increased geopolitical instability, the accelerating impact of AI and a changing labour market.



DOE Selects \$15M in Projects Advancing Energy

The selected projects will help advance innovative storage technologies from early-stage research and development to widespread

Davos 2025 Highlights , World Economic Forum

Davos 2025 Highlights So what were the highlights at Davos this year? Under the theme "Collaboration for the Intelligent Age," nearly 3,000 people from more than 125 countries came together to address





Global Risks Report 2025 , World Economic Forum

The Global Risks Report 2025 analyses global risks to support decision-makers in balancing current crises and longer-term priorities.

Top Energy Storage Trends to Watch for in 2025

Advancements in energy storage technologies, such as lithium-ion batteries, solid-state batteries, and pumped hydro storage, are driving significant improvements in efficiency, scalability,



[Cybersecurity awareness: AI threats and cybercrime in 2025](#)

October is Cybersecurity Awareness Month. Discover 10 crucial insights into cybercrime in 2025, including the impact of AI cyber threats and strategies to fight back.

Future shocks: 17 technology predictions for 2025

By 2025, the lines separating culture, information technology and health will be blurred. Engineering biology, machine learning and the sharing economy will establish a framework for



[Battery Storage Projects Boost Southern California's Energy](#)

The project is expected to avoid 419 million



pounds of GHGs annually, which is equivalent to removing 44,000 gas-powered cars from the road for one year or planting 3.1 million

["This is L.A.'s Clean Energy Future": Mayor Bass Opens One of](#)

The Eland Solar-plus-Storage Center project alone will generate enough power to serve more than 266,000 homes in Los Angeles and push the city's clean energy share above 60 percent,



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