

# What energy storage projects are under construction



## Overview

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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 I summarise each project, its capacity, status and why it matters.

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[FY 2026 Budget Justification , Department of Energy](#)

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

### 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

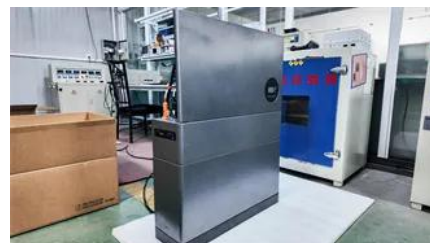


### Genesis Mission

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,

[AES Energy Projects , Solar, Wind, Storage and More , AES](#)

Explore the map to uncover various AES projects. Click on different locations to learn more about each initiative and its impact. The map features AES' projects currently under construction and in



### Energy Department Reins in Over \$83 Billion in



### 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.



### Major Solar Projects List - SEIA

More than 80 battery packers with power storage capacities of at least 100 MW are under construction, the largest of which is AES Corp.'s 700-MW Rexford 1 Battery Storage Project, arising together with



The U.S. Department of Energy announced today that the Office of Energy Dominance Financing (EDF) is restructuring, revising, or eliminating more than \$83 billion in Green New Scam



### [Industrial Technologies Office , Department of Energy](#)

The Industrial Technologies Office (ITO) funds research, development, pilot-scale demonstrations, and technical assistance and workforce development to increase competitiveness of the U.S. industrial



### Exploring Solar Energy Student Guide (7 Activities)

Like solar cells, concentrated solar power systems use solar energy to make electricity. Since the solar radiation that reaches the earth is so spread out and diluted, it must be concentrated to produce the

## United States to Release 172 Million Barrels of

WASHINGTON -U.S. Secretary of Energy Chris Wright released the following statement regarding the International Energy Agency (IEA) and the U.S. Strategic Petroleum Reserve (SPR):



## 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

## 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



## [Top 7 Battery Energy Storage System \(BESS\) Projects in the USA 2026](#)

Discover the largest battery storage projects in the U.S. for 2025, including Darden, Bellefield, and Swiftsure.

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