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Introduction

According to the IHA 2024 World Hydropower Outlook (link), there are currently 43 operating PSH projects in the U.S., offering a combined generation capacity of 22,878 MW and an energy storage

Major Solar Projects List - SEIA

There are over 1,400 major energy storage projects currently in the database, representing more than 118,000 MWh of capacity. The list shows that there are more than 199 GWdc



Hybrid Power Plants Data Update , Energy Markets & Planning

This 2025 edition summarizes data for generators and storage systems coming online through the end of 2024 with a focus on the most recent full calendar year. The latest update contains project-level

List of energy storage power plants

This is a list of energy storage power plants worldwide, other than



US Battery Storage Project Map

Interactive map of battery storage projects in the US. View the largest projects, track new developments, and explore capacity data across all states.

US battery storage boom extends into 2025; nearly 19 GW under

More than 80 battery peakers 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



Solar-plus-storage dominates future US power grid

Within the United States, data from the Lawrence Berkeley National Laboratory's energy market and policy team (EMP) indicates that there are currently 469 hybrid power plants in operation

California Energy Storage System Survey

Data in this dashboard is obtained through a survey of all utilities in California and is current as of July 31, 2025. The dataset will be updated semi-annually upon completion of each survey.



America's Electricity Generating Capacity

Of the 165,188 MW of new energy storage that is under development in the United States, 15,306 MW of additional energy storage under preparation, testing, or construction is projected to come online in

List of energy storage power plants

This is a list of energy storage power plants worldwide, other than pumped hydro storage. Many individual energy storage plants augment electrical grids by capturing excess electrical energy during





REPORT: Energy Storage's Meteoric Rise Breaks Another Record

Texas and California continue to lead the market, with 61% of the total installed capacity in Q4, while the remaining 39% was installed across 13 states, expanding storage deployment

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