

# How many solar energy storage projects are there

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How many solar projects are there?

There are more than 8,200 major solar projects currently in the database, representing over 347 GWdc of capacity. There are over 1,350 major energy storage projects currently in the database, representing more than 108,000 MWh of capacity. The list shows that there are more than 185 GWdc of major solar projects currently operating.

How many energy storage projects are there in the world?

It has 9.4GW of energy storage to its name with more than 225 energy storage projects scattered across the globe, operating in 47 markets. It also operates 24.1GW of AI-optimised renewables and storage, applied in some of the most demanding industrial applications.

How many solar projects are in the pipeline?

There remains an enormous amount of capacity in the pipeline, with more than 160 GWdc of large-scale solar projects either under construction or under development. The Major Solar Projects List is a database of all ground-mounted solar projects, 1 MW and above, that are either operating, under construction or under development.

What types of energy storage are included?

Other storage includes compressed air energy storage, flywheel and thermal storage. Hydrogen electrolyzers are not included. Global installed energy storage capacity by scenario, 2023 and 2030 - Chart and data by the International Energy Agency.

There are over 1,400 major energy storage projects currently in the database, representing more than 116,300 MWh of capacity. The list shows that there are more than 195 GWdc of major solar projects ...

Find the latest statistics and facts on energy storage.

The following resources provide information on a broad range of storage technologies.

In 2024, generators added a record 30 GW of utility-scale solar to the U.S. grid, accounting for 61% of capacity additions last year. We expect this trend will continue in 2025, with 32.5 GW of new utility ...

Energy-Storage.news has reported on larger projects as part of Premium -access exclusive pieces, based on local permitting and development filings in the US, including 4GWh ones ...

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Asia-Pacific (APAC) region is expected to dominate the global energy storage market, accounting for 49% of upcoming energy storage projects by 2030. Australia, China and India are among the ...

The utility-scale data covers all operating solar farm phases with capacities of 1 megawatt (MW) or more and all announced, pre-construction, construction, and shelved projects with ...

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