

## European Solar Energy Storage

# Total power of new energy storage projects



## Overview

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We are aiming to develop 5 to 7 gigawatts (GW) of gross electricity storage capacity worldwide by 2030, thanks in particular to battery-based energy storage systems. To achieve this ambition, we are harnessing the technological expertise of our affiliate Saft. Learn more about our achievements and.

We expect 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the U.S. power grid in 2025 in our latest Preliminary Monthly Electric Generator Inventory report. This amount represents an almost 30% increase from 2024 when 48.6 GW of capacity was installed, the largest.

Houston and Paris, January 14, 2021 – Total and 174 Power Global, a wholly owned Hanwha Group affiliate, have signed an agreement to form a 50/50 joint venture (JV) to develop 12 utility-scale solar and energy storage projects of 1.6 gigawatts (GW) cumulative capacity in the United States.

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TotalEnergies has announced investment decisions for six battery storage projects. In total, these projects amount to 221 MW of new storage capacity and an investment outlay of €160 million. These projects were developed by Kyon Energy, a TotalEnergies affiliate acquired in 2024, and most will use.

BEIJING -- China's new energy storage sector has seen a rapid growth in 2024, with installed capacity surpassing 70 million kilowatts, said an official with the National Energy Administration (NEA). Bian Guangqi, deputy director of the NEA's energy saving and technology equipment department said.

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50KW modular power converter



### Battery-Based Energy Storage: Our Projects and ...

6 ???· TotalEnergies develops battery-based electricity storage solutions, an essential complement to renewable energies. Find out more about our projects and achievements in this field.

### China's new energy storage capacity exceeds 70m KW

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### Global New Energy Storage Installed Capacity: A 2024 Deep Dive

In 2023 alone, global new energy storage installed capacity skyrocketed to 45.6 GW, nearly doubling 2022's figures [1] [2]. That's like adding enough battery power to light up 45 million homes overnight.

### Global installed energy storage capacity by scenario, 2023 and 2030

Global installed energy storage capacity by scenario, 2023 and 2030 - Chart and data by the International Energy Agency.



## Total and 174 Power Global to Jointly Develop 1.6 GW of Solar ...

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With deep expertise across the full spectrum of the project development cycle, 174 Power Global works closely with utilities, landowners, local communities, financial investors, and other partners to build highly productive, utility ...



## 33 energy storage projects to be put into operation in the United

In the second quarter of 2024, US developers put into operation 33 energy storage projects in 10 states with an installed capacity of 2.9GW. The cumulative installed capacity of energy storage in the United States exceeded 20GW and reached 21.6GW.



## Biggest projects in the energy storage industry in 2024

Following similar pieces in 2022/23, we look at the biggest energy storage projects, lithium and non-lithium, that we've reported on in 2024.



## Solar, battery storage to lead new U.S. generating capacity

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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 when power providers added 10.3 GW of new battery storage capacity.

50KW modular power converter



## Battery-Based Energy Storage: Our Projects and Achievements

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## Energy Storage Outlook

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## TotalEnergies Launches Six New Battery Storage Projects

In total, these projects amount to 221 MW of new storage capacity and an investment outlay of EUR160 million. These projects were developed by Kyon Energy, a TotalEnergies affiliate acquired in 2024, and most will use next-generation batteries supplied by...



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