

Why do we need energy storage solutions?

Renewable energy production is growing rapidly globally thanks to technological advancement. However, intermittency of solar and wind power output has given rise to big demands for energy storage solutions such as pumped hydro-electric stations, batteries, flywheel and compressed-air energy storage.

How has China's energy storage sector benefited from new technologies?

China's energy storage sector nearly quadrupled its capacity from new technologies such as lithium-ion batteries over the past year, after attracting more than 100 billion yuan (US\$13.9 billion) in direct investment over the past couple of years.

What is ESS news?

concentrates on the latest developments in the solar PV and energy storage markets and local industries. This website uses cookies to anonymously count visitor numbers. View our privacy policy. pv magazine's ESS News brings you the latest news, analysis and opinion from the global energy storage industry.

How big is China's energy storage capacity?

By the end of 2022, China had a total new energy storage capacity of 8.7GW, a more than 110 per cent increase year on year.

How big is China's energy storage capacity in 2024?

China's new energy storage capacity surges to 74 GW/168 GWh in 2024, up 130% YoY. In 2024 alone, China added 42.37 GW/101.13 GWh of new storage capacity (excluding pumped hydro), with an average discharge duration of 2.3 hours--up from 2.1 hours in 2023.

Which companies have entrusted AFRY to design a solar energy storage project?

Greenkoha has entrusted AFRY with the detailed design engineering of the 1800 MW Shahpur pumped hydro energy storage project in Rajasthan. Longroad Energy has achieved financial close of Sun Pond, a 111 MW solar and 85 MW/340 MWh storage project. TagEnergy has launched the construction of France's largest battery energy storage platform.

A panel discussion on the Polish market at the recent Energy Storage Summit CEE in Warsaw. Image: Solar Media. The European Commission (EC) has approved a EUR1.2 ...

An industrial battery storage system being installed in Ontario, Canada. Image: Sungrid. Developer Boralex and its partner Six Nations of the Grand River Development ...

From batteries to green hydrogen and more, see how energy storage is powering the shift to renewables and clean energy. Brought to you by Energy Voice.

Helena Li, Trina Solar executive president, discusses how the major solar PV company is growing its footprint in the battery energy storage system (BESS) industry. There ...

Media News TOP SNEC 2019: AST wins new measurements systems order for PERC cells in China [2019-5-27] ... It will conduct in-depth research on the upstream core equipment supply, ...

Energy storage developer NineDot has announced the closing of a US\$65 million equipment financing supporting the purchase of up to 100MW/400MWh of batteries for use in up to 20 ...

Inverter and BESS firm Sungrow pointed out to Energy-Storage.news in a recent interview that its latest generation product increased the energy-per-container from 2.5MWh to 5MWh but the max noise emissions ...

Florian Mayr and Dr Fabio Oldenburg at Apricum - The Cleantech Advisory offer some perspectives. This is a short extract of an article which originally appeared in Vol.26 of ...

As we welcome the end of another exciting, if sometimes challenging year, here are the most-read news stories on Energy-Storage.news for 2024. One of the obvious takeaways of this list is that some very big lithium ...

Fire at Moss Landing Energy Storage Facility: What we know so far NineDot closes US\$65 million for 20 New York BESS projects CATL seeking US\$44 million in overdue ...

The energy storage system integrator and energy services provider reported revenue of US\$2.7 billion for its FY2024, which ran until the end of September, and US\$1.2 ...

The development has consent for 51 energy storage containers and 42 transformers, with construction expected to start in late 2022. The utility-grade batteries will store electricity from the grid at times of low demand and ...

Energy-Storage.news proudly presents our sponsored webinar with CSA Group on large-scale fire testing (LSFT) of battery energy storage systems (BESS). Premium. Ease of installation and better availability to drive ...

With expanding market opportunities and declining costs stationary battery energy storage installations are surging. Battery makers are awake to the opportunity, reports BloombergNEF, as stationary batteries ...

U.S. energy storage market saw record growth in the third quarter with 3,806 megawatts (MW) worth installations and 9,931 megawatt-hours (MWh) deployed, Wood Mackenzie said in a report on...

Energy-Storage.news" publisher Solar Media will host the 9th annual Energy Storage Summit EU in London,

21-22 February 2024. This year it is moving to a larger venue, ...

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