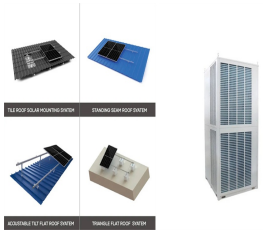
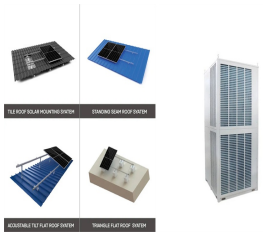
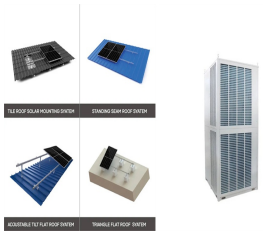
ENERGY STORAGE GWH PROFITS



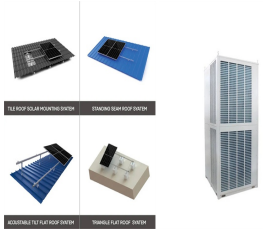
Why would GWh of energy storage be needed? GWh of energy storage is needed for seasonal storage,overseas energy trade,or supplying large demand generation such as gas turbine power plants or large shipping engines. This level of storage is easily met with ammonia and a significant challenge with hydrogen.



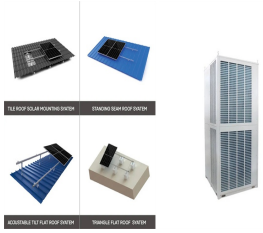
How did energy capacity grow in 2024? Power capacity grew by 119% year-on-year,while energy capacity surged by 244%year-on-year. In the first three quarters of 2024,newly operational non-hydro energy storage installations reached 20.67 GW/50.72 GWh,representing year-on-year growth of 69% in power capacity and 99% in energy capacity.



How many energy storage systems have been installed in 2024? Over 1.5 million residential systems have been installed,with over 400,000added in the first three quarters of 2024. Join us in Beijing,Apr 2025,get connected with investors,EPC,OEM,researchers,and everything related to energy storage. Should you have any inquires,feel free to send email to conference@cnesa.org,or register directly.



How much energy was installed in Q3? Q3 installations reached 716.9 MW/1,138.7 MWh,down 28%/25% year-on-year and 23%/16% quarter-on-quarter. Residential storage accounted for 88% of new installations in both Q3 and year-to-date figures (by energy capacity).



What was the average bid price for non-hydro energy storage systems in Q3? In the first three quarters,the average bid price for domestic non-hydro energy storage systems (0.5C lithium iron phosphate systems) was 622.90 RMB/kWh,a year-on-year decline of 50%. While bid prices remained relatively stable in the first half of the year,they reached a historic low of 578.11 RMB/kWhin Q3,particularly in September.

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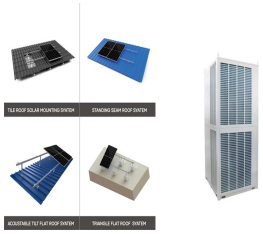
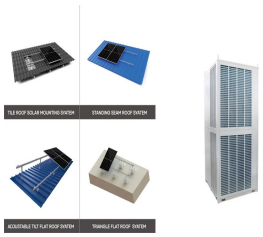


How pumped hydro storage compared to non-hydro energy storage? The share of pumped hydro storage in the total installed capacity fell below 50%for the first time. Among these,the cumulative installed capacity of non-hydro energy storage surpassed 50 GW for the first time,reaching 55.18 GW/125.18 GWh. Power capacity grew by 119% year-on-year,while energy capacity surged by 244% year-on-year.



Chinese energy and infrastructure developer PowerChina has announced its 2025 procurement plan, aiming to acquire 51 GW each of solar modules and inverters along with 16 GWh of energy storage system capacity ???

In contrast to automotive, Tesla's energy generation and storage segment doubled its revenue to $3.01 billion from $1.51 billion last year. The company achieved record deployments of 9.4 GWh in energy storage ???

The company has reported its highest energy storage quarterly figures on record this week, with a cumulative 4,053 MWh of energy storage capacity deployed in the first quarter of 2024. It was the first time ever for ???

The company's EV sales were down in the second quarter, but the energy generation and storage division deployed 9.4 GWh, more than double the 4.1 GWh installed in the first quarter and on pace for a huge increase over the ???

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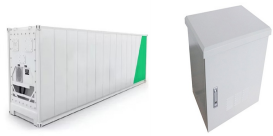
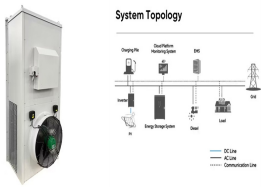


According to the figures, energy storage deployments reached an impressive 14.7 GWh in 2023. This is more than double the previous year. Of particular note is the fact that profits from the ???

2024Q3 market data of energy storage in China, USA, UK and Germany, from CNESA Datalink Global Energy Storage Database. Home As of September 2024, the U.K. reached 4.3 GW/5.8 GWh in cumulative operational ???

Tesla's energy storage business set new records in 2024, with deployments more than doubling to 31.4 GWh, a 114% YoY increase. Q4 alone saw 11 GWh of storage deployed, a 244% YoY surge. Tesla's Megapack and ???

BESS deployments are already happening on a very large scale. One US energy company is working on a BESS project that could eventually have a capacity of six GWh. Another US company, with business interests inside ???



Tesla Inc (NASDAQ:TSLA) booked a 67% year-on-year jump in revenues from energy generation and storage in 2024 after another year of record-high deployments and guided for a rise of at least 50% in capacity ???

That represented a 4% year-on-year increase from 3,889MWh deployed in Q1 2023. In each quarter of last year, storage deployments exceeded 3GWh, and the full-year 2023 total was given as 14.7GWh in January's most ???

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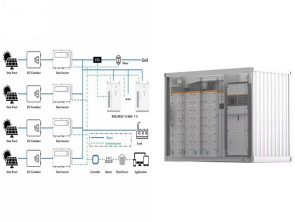

2023 marked a turning point for BYD as it began to double down on energy storage projects in the domestic market for ultra-low prices. expecting to achieve a net profit of RMB ???

The United States" residential energy storage market set an all-time quarterly growth record, with 346 MW of residential storage installed in the third quarter of 2024. The United States" grid-scale energy storage market ???

Tesla's energy storage and generation revenues have tripled since 2020, largely driven by deployments of Megapack battery storage systems. (US$8.32 billion), Tesla earned US$96.77 billion in revenue in 2023, for a total ???

Tesla's global electric vehicle sales are plummeting, but its energy storage business is surging, with more than 4 GWh deployed in the first quarter of 2024 alone. Tesla's energy storage deployments reached 14.7 GWh. Total ???

The United States Energy Storage Market size is expected to reach USD 3.68 billion in 2025 and grow at a CAGR of 6.70% to reach USD 5.09 billion by 2030. December 2023: LG Energy Solution Vertech, an energy equipment and ???

Of particular note is the fact that profits from the energy generation and storage business nearly quadrupled in 2023. Gross profit of Tesla Services & Other business increased from a ~$500M ???