

# ENERGY STORAGE DEVELOPMENT WHITE PAPER



What is the energy storage industry White Paper 2020? Since 2014, the CNESA research department has been forecasting the scale of China's energy storage market with the support of industry experts and energy storage companies. The Energy Storage Industry White Paper 2020 provides a forecast for the scale and development trends of China's energy storage market from 2020-2024.



What does the energy storage industry White Paper mean for Cnesa? In discussing the growth of energy storage over the past ten years,CNESA Secretary General Liu Wei expressed warmly,???ten years of the Energy Storage Industry White Paper represents ten years of industry development,and ten years of CNESA growth from ???zero to one.??????



What is the Cnesa white paper? CNESA publishes an annual white paper detailing the latest trends in energy storage. Each report,prepared by the CNESA research team,provides exclusive data and insights to keep you informed about the energy storage industry in China and abroad. Here you can access a free PDF of our reports from 2011 to the present. 2023 CNESA White Paper



How will Cnesa support the energy storage industry? Over these past ten years,CNESA has earned support,care,and direction from many leading industry experts and companies. Over the next ten years,CNESA will continue to work together with our industry colleaguesto support the continued growth of the energy storage industry. 1. Global Energy Storage Market Growth in 2019



How did energy storage grow in 2022 & 2023? The US utility-scale storage sector saw tremendous growthover 2022 and 2023. The volume of energy storage installations in the United States in 2022 totaled 11,976 megawatt hours (MWh)???a figure surpassed in the first three quarters of 2023 when installations hit 13,518 MWh by cumulative volume.

# ENERGY STORAGE DEVELOPMENT WHITE PAPER



How will energy storage grow over the next decade? With energy storage being deployed on both sides of the meter ??? either in front-of-the-meter (FTM) in the grid and colocated with generation assets or behind-the-meter (BTM) at an end-customer site ??? growth over the coming decade will be underpinned by the FTM segment.



China Energy Storage Alliance (CNESA) T: +86-10-6566-7066 F: +86-10-6566-6983 E: [conference@cnesa](mailto:conference@cnesa) ESIE expo: [en.esexpo](http://en.esexpo) Address Room2510, Floor25, Bldg. B, Century Tech and Trade Mansion, No. 66 Zhongguancun E ???



See our latest white paper on energy storage. The Department of Energy (DOE) plays a crucial role facilitating the research, development and deployment of energy storage technologies. As part of the American Recovery ???



In November 2014, the State Council of China issued the Strategic Action Plan for energy development (2014???2020), confirming energy storage as one of the 9 key innovation ???



However, different types of energy storage systems affect system response speed and cost; different connection points alter system flow distribution, influencing network losses and ???

# ENERGY STORAGE DEVELOPMENT WHITE PAPER

---



114KWh ESS



100% SOC 100% DOD 100% EFF 100% LIFE

Newly operational electrochemical energy storage capacity also surpassed the GW level, totaling 1083.3MW/2706.1MWh (final statistics to be released in CNESA's Energy Storage Industry White Paper 2021 in April ???)