

2023 international energy storage innovation competition





Overview

Competition Overview - The 9th International Energy Storage Innovation Competition has received nearly 300 projects in two months and is currently collecting materials for the preliminary round [1] - The competition is divided into two stages: preliminary and final, with the preliminary stage focusing on different dimensions of the same project [1] - The preliminary stage includes specialized tracks such as energy storage body, system integration, 3S, fire protection and thermal management, independent energy storage, commercial and user-side, components, and digital energy [1] [4] - The final stage will evaluate projects based on technology, application, product, patents, soft science, emerging enterprises, and future unicorns [1]

Preliminary Stage Details - Projects are categorized into different tracks for independent evaluation, with awards given for each track [1] - The process includes project collection, material submission, online defense, and awarding of preliminary round excellence certificates [1] - Tracks include energy storage body, fire protection and thermal management, system integration, 3S, independent energy storage, commercial and user-side, components, and digital energy [4] [5] - Specific focus areas for each track include technologies and products like lithium-ion batteries, sodium-ion batteries, solid-state batteries, BMS, PCS, EMS, and IoT-based smart management systems [4] [5]

Final Stage and Awards - Projects that win preliminary round excellence certificates will advance to the final stage [1] - The final stage includes online voting, offline defense, and an award ceremony [1] - Awards include Top 10 in technological innovation, application innovation, outstanding products, soft science innovation, patent innovation, emerging enterprises, future unicorns, annual figures, outstanding contributions, and jury awards [6]

Industry Impact - The competition aims to promote innovation and progress in the energy storage industry, helping enterprises connect with capital and application markets [2] - It encourages market players to innovate and establishes a strong bond for industry exchange and development [2] - The competition highlights the importance of innovation in addressing the intense competition in the rapidly growing energy storage sector [7]

ESIE 2025 Exhibition - The 13th Energy Storage International Summit and Exhibition (ESIE 2025) will be held from April 10-12, 2025, in Beijing, covering 200,000 square meters [9] - The event will feature 800+ leading companies, 500+ new product launches, and attract over 200,000 professional visitors [9] - It will include 40+ themed



forums with 400+ core policymakers, experts, and industry leaders, as well as 100+ international cooperation units [9] - Exhibition halls will focus on energy storage solutions, technology, system integration, and applications, with participation from major companies like Hyper Strong, Zhongtian Technology, and Ningde Era [10] What is the 2023 energy storage international conference?

The 2023 Energy Storage International Conference, jointly organized by the Institute of Engineering Thermophysics, Chinese Academy of Sciences, China Energy Research Society and China Energy Storage Alliance, was successfully held in Beijing Shougang Exhibition & Convention Center on April 7-9, 2023.

What is the International Energy Storage Innovation Competition awards ceremony?

The 6th and 7th International Energy Storage Innovation Competition Awards Ceremony was then held to recognize the winning companies and individuals who have made significant contributions to the fields of energy storage technology innovation and business model promotion over the past year.

Who hosted the opening ceremony of China energy storage Alliance Conference?

The opening ceremony of the Conference was hosted by Ms. LIU Wei, Secretary General of China Energy Storage Alliance.

What is energy storage frontier technology conference (esftc)?

More than 200 energy storage industry experts brought wonderful reports. During the Conference, the "Energy Storage Frontier Technology Conference (ESFTC)" was organized. While, the launching ceremony of " Long-Duration Energy Storage Technology Special Committee of China Energy Storage Alliance " was held in the ESFTC opening ceremony.

What is the next step in the energy storage industry?

The next step will be to promote the high-quality development of the new energy storage industry in four areas: top-level design, technological innovation, industrial resilience, and supporting systems.

What is the future of energy storage technology?

Looking ahead, traditional lithium-ion battery energy storage technology will



still dominate; compressed air energy, flow batteries and other long-duration energy storage technology will also be accelerated to apply in the electricity sectors. The development of more new energy storage technologies will come out of the laboratory into the market.



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Leading the Market in Commercial Energy Storage, This ...

Through a rigorous selection process and professional presentations, Singularity Energy's PTG Low-voltage Cascading Energy Storage Technology stood out, winning the Top ...

US\$4 trillion LDES opportunity requires 'collaborative ...

Long-duration energy storage firmly on the agenda and among the talking points of attendees at last week's Energy Storage Summit EU in ...



2023 Competition

The 2023 competition highlighted countries categorized into three pairs based on comparable levels of energy poverty. Teams will analyze and compare factors contributing to energy ...

[Competition of energy storage inverters](#)

Energy storage inverters face competition from other energy storage technologies, such as pumped hydro and compressed air energy storage. This can limit the growth of the market,



...

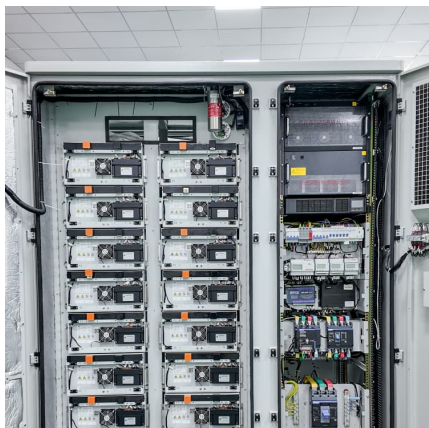


He Xi Attends the 11th Energy Storage International Conference ...

At the opening ceremony and the award ceremony of the Energy Storage Innovation Competition, a series of awards were presented to the 2022/2023 International Energy Storage Innovation ...

The 13th ESIE2025 Energy Storage International Summit and ...

The 13th ESIE2025 Energy Storage International Summit and Exhibition THE 13TH ENERGY STORAGE Simultaneously held The 9th International Energy Storage Innovation Competition ...



Winners Announced for Remaining Four Categories of the 9th

With this, all awards of the 9th International Energy Storage Innovation Competition (ESIC) have been announced. We extend our warmest congratulations to all the ...



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Committed to Empowering Clean Energy Innovation IESNA offers clean energy professionals spanning solar, energy storage, EV infrastructure, and ...



Mechatronic Energy Storage Competition: The New Arena for ...

Case Study: The Great Battery Hack-a-Thon Remember the 2023 International Summer School's??? challenge? Teams had 11 days to create battery-powered model cars using ...

Energy Storage R& D Center--Institute of Engineering Thermophysics ...

Zhongchu Guoneng (Beijing) Technology Co. Ltd. won prizes including the first prize of "Maker Beijing 2023" innovation and Entrepreneurship Competition, the 7th ...



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US\$4 trillion LDES opportunity requires 'collaborative competition'

Long-duration energy storage firmly on the agenda and among the talking points of attendees at last week's Energy Storage Summit EU in London.



[He Xi Attends the 11th Energy Storage International ...](#)

On April 7, 2023, Mr. He Xi, Chairman of CPID and Chairman of Xinyuan Smart Energy Storage Co., Ltd., attended the 11th Energy Storage International Conference and Expo, as a member ...

ZONERGY shines at ESIE2023 Energy Storage International ...

As the wind vane of China's energy storage industry, the three-day ESIE2023 lived up to expectations, and joined hands with 300+ first-line energy storage brands to shine.





Energy storage and clean energy transitions

Therefore, energy storage has the potential to change the technical transition in the energy sector beyond its ability to promote the use of intermittent renewable energy. We ...

Consortium for Battery Innovation , » Open call for ...

NEWS RELEASE - 17 November 2023 A new call for research proposals to support advanced lead battery innovation for energy storage systems (ESS) ...



Technological innovations in energy storage: Bridging the ...

Abstract This review paper explores the critical role of technological innovations in energy storage for bridging the gap between energy supply and demand, particularly in renewable energy ...

At the qualifiers of the 8th International Energy Storage Innovation

Storage Innovation Competition Qualifier held recently. Zephyr stood out from many declared companies and won the "2023 Energy Storage Outstanding Enterprise Award" ...



ZONERGY won the Energy Storage Emerging Enterprise Award ...

As the wind vane of China's energy storage industry, the three-day ESIE2023 lived up to expectations and joined hands with 300+ first-line energy storage brands to shine. ...



The 8th International Energy Storage Innovation Competition

The competition extensively collects entries from all over the world. The awards collected are divided into technological innovation models, application innovation models, outstanding ...



[He Xi Attends the 11th Energy Storage International ...](#)

At the opening ceremony and the award ceremony of the Energy Storage Innovation Competition, a series of awards were presented to the 2022/2023 International Energy Storage Innovation ...





The 2024 China Energy Storage CEO Conference Held in ...

On January 8th, 2024, the China Energy Storage CEO Conference and the preliminary round of the 8th International Energy Storage Innovation Competition were held in Guangzhou. The ...



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