



New Energy Storage Industrial Base

How will China's new-energy storage industry grow by 2030? Photo: VCG China has unveiled an action plan to boost full-chain development of the new-energy storage manufacturing industry, aiming to expand leading enterprises by 2025, enhance innovation and competitiveness, and achieve high-end, intelligent and green industry growth. What is MIIT's new energy storage plan? The plan, jointly issued by eight departments including the Ministry of Industry and Information Technology (MIIT) on Monday, seeks to foster high-quality development in the new-energy storage manufacturing. What is China's new energy storage plan? The plan said that the new-energy storage industry is a key source of support for advancing the construction of a manufacturing powerhouse and promoting the efficient development and utilization of new-energy resources. By 2030, China aims to cultivate three to five leading enterprises in the ecosystem. What is the implementation plan for the development of new energy storage? In January 2022, the National Development and Reform Commission and the National Energy Administration jointly issued the Implementation Plan for the Development of New Energy Storage during the 14th Five-Year Plan Period, emphasizing the fundamental role of new energy storage technologies in a new power system. Can new energy storage promote green and low-carbon development? This year's government work report noted the development of new energy storage as one of the measures to promote green and low-carbon development. New energy storage refers to energy-storage technologies other than conventional pump storage. It offers advantages such as a short construction period, flexible layout and fast response. Which country is building a vanadium-battery energy storage industry base? Southwest China's Sichuan Province also announced in May that it will build a vanadium-battery energy storage industry base and support the application of such energy storage facilities in renewable energy generation, power grid peak regulation and frequency regulation, and communication base station energy storage. ? New energy storage industrial project lands in Baiyun Sep 3, 2022; It will prioritize research in new electrical materials, innovative energy storage solutions, and marine energy. The goal is to develop a comprehensive R& D platform that China Focus: New energy-storage industry booms amid May 24, 2022; According to a report recently issued by China Energy Storage Alliance, the world's newly installed capacity of new energy storage reached a record high of 45.6 million New Energy Storage Technologies Empower Energy Power generation forecast for different energy sources worldwide, 1000TWh Electrical Mechanical 2. Energy storage can have a major impact on generators, grids and end users Independent energy storage stations are a rising trend among generators and grids Seed and Angel 4. Opportunities and challenges for the energy storage industry segments and targets. Yongdong Liu KPMG China Mindy Du May Zhou Wu Wei Association Michelle Liang About CEC Electric Transportation & Energy Storage Association For a list of KPMG China offices, please scan the QR code or visit our website: Liquid fuels Natural gas Coal Nuclear Renewables (incl. hydroelectric) Source: EIA, Statista, KPMG analysis Depending on how energy is stored, storage technologies can be broadly divided into the following three categories: thermal, electrical and hydrogen (ammonia). The electrical category is



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further divided into electrochemical, mechanical and elSee more on assets.kpmg Global TimesChina to boost new-energy storage manufacturing industry, Feb 17, –China has unveiled an action plan to boost full-chain development of the new-energy storage manufacturing industry, aiming to expand leading enterprises by , New-type energy storage poised to fuel China's growth3 days ago––New-type energy storage has been highlighted in many regional industrial plans, and its value target by has exceeded 3 trillion yuan (\$412.2 billion), said CNESA. China unveils measures to bolster new-type energy storage Feb 17, ––According to the document, China will launch initiatives to boost technology innovation in the new-type energy storage sector. These initiatives will include measures to Ruihe Energy Storage Project Base Completion and Industry May 6, ––Through this alliance, we will jointly promote the prosperity and development of the new energy storage industry and make positive contributions to the high-quality development China's Largest Grid-Forming Energy Storage Station Apr 9, ––The station was built in two phases; the first phase, a 100 MW/200 MWh energy storage station, was constructed with a grid-following design and was fully operational in June China issues action plan to promote manufacturing of new-type energy On Feb. 10, , China's Ministry of Industry and Information Technology and other seven central government departments jointly announced an action plan for sound development of China's Guizhou to build complete new energy industrial chainJan 25, ––Based on an industrial foundation consisting of new-energy batteries and materials, Guizhou is seeking to build a complete industrial chain ranging from new-energy New energy storage industrial project lands in BaiyunSep 3, ––It will prioritize research in new electrical materials, innovative energy storage solutions, and marine energy. The goal is to develop a comprehensive R& D platform that New Energy Storage Technologies Empower Energy Oct 24, ––Based on a brief analysis of the global and Chinese energy storage markets in terms of size and future development, the publication delves into the relevant business models China to boost new-energy storage manufacturing industry, Feb 17, ––China has unveiled an action plan to boost full-chain development of the new-energy storage manufacturing industry, aiming to expand leading enterprises by , China's Guizhou to build complete new energy industrial chainJan 25, ––Based on an industrial foundation consisting of new-energy batteries and materials, Guizhou is seeking to build a complete industrial chain ranging from new-energy

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