

CPID and CQC Sign Strategic Cooperation Agreement and Unveil Grid-Connected Empirical Energy Storage Base

On July 25, 2023, CPID and China Quality Certification Center (CQC) signed a strategic cooperation agreement and unveiled the CPID Grid-connected Empirical Energy Storage Base of the National Key Empirical Technology Laboratory for Solar and Wind Power Generation Systems at China Power Energy Storage Development Limited.

Mr. He XI, Chief Engineer (New Energy) of SPIC, Chairman of CPID and Chairman of China Power Energy Storage Development Limited, Mr. Xie Zhaoxu, Director of CQC, and Mr. Gao Wujun, Vice Governor of Fangshan District, Beijing, attended the ceremony and unveiled the first grid-connected empirical energy storage base in China. Mr. Shou Rufeng, Vice President of CPID, and Mr. Xu Shaoshan, Deputy Director of CQC, attended the meeting and signed the agreement on behalf of their respective sides.

Mr. He welcomed Mr. Xie and his delegation, thanked the Fangshan District Government for its long-term support, and introduced the basic situation of CPID, focusing on CPID's active implementation of "building a new power system with new energy as the mainstay" and CPID's accumulated resources and strengths in the main track of clean energy and the new tracks of energy storage, green electric transportation and other emerging industries in recent years. Mr. He fully affirmed the importance and potential of cooperation with CQC, and hoped that both sides would focus on the implementation of national strategy and development, establish a flexible cooperation mechanism, expand the depth and breadth of domestic and international cooperation, and make positive contributions to the realization of China's carbon peaking and carbon neutrality goals and the development of energy transition.

Mr. Xie introduced the development overview and business field of CQC, and said that under the vision of carbon peaking and carbon neutrality goals, CPID and CQC, as practitioners and service providers of energy transition, have huge space for future cooperation, and hoped that both sides would make full use of their respective advantages, accelerate strategic cooperation, and serve the high-quality development of the new energy industry in the new era.

Mr. Gao first expressed warm congratulations to CPID and CQC for the successful agreement signing and base unveiling, focusing on the overall industrial growth in Fangshan District, highly affirmed the win-win development of cooperation between Fangshan District Government and China Power Energy Storage Development Limited in the past year, and expressed to firmly establish a favorable business and investment environment, enhance the reputation and influence of the business environment of Fangshan District based on the existing enterprises, attract more quality enterprises and build a new ecology of green development for Fangshan District.

The signing of the agreement means that CPID and CQC will make full use of their respective

advantages, establish a long-term cooperation mechanism in energy science and technology research and application of achievements, build an information exchange platform in related technical fields, cooperate extensively in energy industry inspection and certification, quality evaluation, science and technology research and development, promote personnel training and platform construction, promote scientific and technological innovation in the field of new energy and industrial upgrading, work hand in hand to build a safer, more stable, high-end, intelligent and green industrial chain and supply chain, encourage both sides to continuously improve the internationalization of the new energy industry, and jointly push forward the green and low-carbon transition of energy and electric power.



The establishment of grid-connected empirical energy storage base will vigorously promote the construction of the four major platforms of China Power Energy Storage Development Limited, support the application of self-developed energy storage converters in various technical scenarios, and enhance the preparation of relevant standards and systems. Both sides will continue to focus on energy storage, actively explore the "production, study and research" platform, and accelerate the breakthrough of energy storage technologies and their popularization and application.

Introduction to CQC:

Affiliated to China Certification & Inspection (Group) Co., Ltd., China Quality Certification Center (CQC) is a professional third-party certification body approved by the Chinese government and has been recognized by many governments and international authoritative organizations. CQC mainly conducts product safety, comprehensive energy efficiency, green evaluation and technical due diligence in the fields of wind energy, solar energy, energy storage,

hydrogen energy, biomass energy and others in the new energy sector. CQC has always been committed to helping customers improve the quality of products and services through certification, facilitating exchanges and cooperation among various sectors, and promoting the construction of a market integrity system and a harmonious society. After 30 years of development, CQC has become a first-class quality service organization with comprehensive business categories, wide service network and strong technical force.

Introduction to grid-connected energy storage:

Grid-connected energy storage refers to the new type of energy storage technology that provides inertia support to the power grid by adding a new type of control strategy, so that the energy storage system has the frequency regulation and voltage control capability of a traditional generator. Its core is to construct a voltage source to support the stable operation of the power grid through the energy storage converter to play the role of fast frequency and voltage regulation, increase the inertia and short-circuit capacity support, and inhibit broadband oscillation.