

100MW/200MWh | China Resources Power Juan City Source Grid Storage Integration Demonstration Project Connected to the Grid

On 22 May 2023, the grid connection ceremony of the demonstration project of China Resources Power Juan City Source Grid Storage Integration was held in Juancheng County, Heze City, Shandong Province. Wang Pengcheng, co-founder and general manager of Haichen Energy Storage, was invited to attend and delivered a speech.

He said that as the core supplier of project equipment, Haichen Energy Storage is honoured to work with all parties to assist in the smooth completion of the demonstration project and grid connection. Haichen Energy Storage is willing to work with the government and partners to deepen cooperation and contribute to the adjustment of energy structure in the region and even Shandong Province, deepening the conversion of new and old kinetic energy and accelerating the promotion of green, low-carbon and high-quality development.



China Resources Power Juan City Source Grid Storage Integration Demonstration Project is invested and constructed by China Resources Power. XJ Group provides a complete set of product solutions, and Haichen Energy Storage provides advanced energy storage battery cluster products. The project is located in Juancheng County, Heze City. It is the first commercially operated centralized shared energy storage power station in Heze City. It is also an energy storage demonstration project and a provincial key project in Shandong Province.

The project has an installed capacity of 100MW/200MWh, including a 99MW/198MWh lithium iron phosphate battery energy storage system and a 1MW/2MWh all-vanadium redox flow battery energy storage system, as well as a 220 kV booster station and a return transmission line.

After the China Resources Power Source-Grid-Storage Integration Demonstration Project is put into operation, it can further enhance the flexibility of the local power system, effectively participate in power grid peak regulation and frequency regulation, and promote the balance of power supply and demand. Contribute to stable operation and accumulate experience for constructing subsequent centralized energy storage projects in the region.