

TUQUAN ENERGY STORAGE PROJECT



Inner Mongolia Tuquan (Inner Mongolia Energy) wind power base with storage () is a wind farm in pre-construction in Tuquan, Hinggan League, Inner Mongolia, China.



For an estimated RMB 1.19 billion (\$188 million) investment, JA Solar will also invest in a 200 MW Tuquan solar PV energy storage power generation project in Inner Mongolia's Tuquan county in China through its wholly-owned subsidiary Tuquan a?|



Through the model of "power generation, planting, and restoration", the Tuquan Project has constructed a light storage power station on the Gobi Desert while comprehensively managing desertification land which has effectively realized desert greening.



[China Energy Construction wins bids for two wind power projects] <p>On March 18, 2020, China Energy Construction Tianjin Power Construction won the bid for Datang Tuquan Laoyiling Wind Farm Phase II wind power project general contract and Datang Shaanxi Qingtuo Shizuiyi wind power project general contract project.



The Tuquan energy storage initiatives are part of a broader strategy to transition towards cleaner, more sustainable energy solutions. With rising global energy consumption and the urgent need to combat climate change, these projects epitomize the focus on renewable energy integration into conventional energy grids.

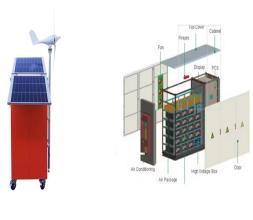


At the construction site of the million kilowatt wind storage base project in Tuquan County, Inner Mongolia, workers are distributed in their respective work areas and are orderly pouring the foundation of the first wind turbine.

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Inner Mongolia autonomous region has become the first region in China to surpass 100 million kilowatts in new energy installations, achieved through the completion of the 1-million-kilowatt wind power storage project in Siziwang Banner and the second and third phases of the Three Gorges Ulaanqab green power demonstration project.



The total investment of the 445MW wind power project in Tuquan County, Xing'an League, China's State Power Investment Corporation is 1.88 billion yuan. After the project is completed, it can transmit 1.162 billion kilowatt hours of clean electricity annually, replace 350100 tons of standard coal, and reduce carbon dioxide emissions by 954400 tons.



China's first megawatt-level iron-chromium flow battery energy storage project, located in North China's Inner Mongolia autonomous region, is currently under construction and about to be put into commercial use, said its operator State Power Investment Corp.