

# Key points of new energy base station design





## Overview

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What is the largest grid-forming energy storage station in China?

This marks the completion and operation of the largest grid-forming energy storage station in China. The photo shows the energy storage station supporting the Ningdong Composite Photovoltaic Base Project. This energy storage station is one of the first batch of projects supporting the 100 GW large-scale wind and photovoltaic bases nationwide.

What is the sleep mode of a base station?

There are different stages of the sleep mode of base stations. These are mentioned below: On: the small cell operates fully and consumes the maximal power. Standby: the small cell sleeps in “light” mode and can easily wake up on UE’s request., This can be done by shutting down the TCXO heater and RF.

What will be done to support grid-forming energy storage?

Going forward, various tests and performance experiments will be carried out to provide data support for the testing and standard setting of grid-forming energy storage.

What is CHN energy's new photovoltaic base project?

It was constructed in conjunction with the CHN Energy’s East Ningxia 1.5 GW Composite Photovoltaic Base Project, with a planned total capacity of 200 MW/400 MWh.



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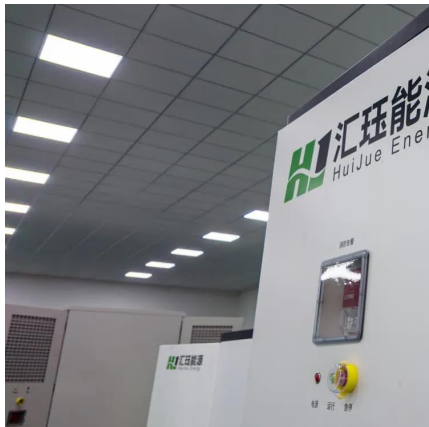
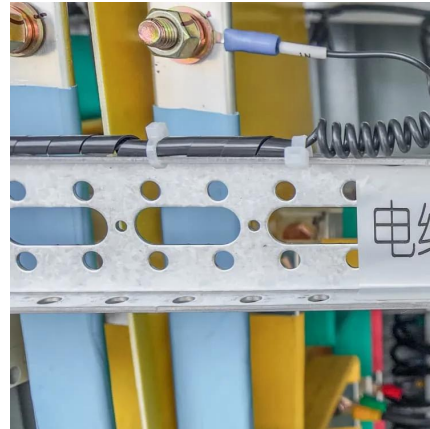
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