5g base station wind solar and storage power supply

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Is 5G base station energy storage a reliable power supply?
Paper mentioned that under the premise of ensuring the reliability of its power supply,5G base station energy storage has the feasibilityof participating in the power supply of other electrical loads on the same feeder after a failure occurs in the relevant substation power supply area.

Why are 5G base stations important?
The denseness and dispersion of 5G base stations make the distance between base station energy storage and power users closer. When the user's load loses power, the relevant energy storage can be quickly controlled to participate in the power supply of the lost load.

What factors affect the energy exchange model for 5G base station energy storage?
When establishing the objective function,factors such as the loss cost of charging and discharging5G base station energy storage are ignored,resulting in deficiencies in the energy exchange model for 5G base station energy storage.

What is the energy storage demand for China's 5G base stations?
According to data from the Ministry of Industry and Information Technology of China,the energy storage demand for China's 5G base stations is expected to reach 31.8 GWhby 2023 (as shown in Fig. 1).

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