

## Reply from the communication base station energy storage system

Will 5G base station energy storage contribute to demand response?

Reference revealed that the 5G base station energy storage could participate in demand response, and obtain certain benefits when it meets the basic power backup requirements.

What factors affect communication coverage of a base station?

The communication coverage of a base station is closely related to transmitting power, frequency, and other factors. When the frequency of a base station increases and the transmitting power decreases, its coverage decreases.

How do I select a base station with no load?

2) Select the periods where various base stations experience no load. Based on the typical daily communication load curve of the base station, the communication loads of the base station in each time period are compared separately, and the time periods where the base station experiences the no load state in 24 hours are selected.

What are the constraint conditions of the energy storage configuration?

The constraint conditions of the energy storage configuration in the multi-base station cooperative system included energy storage investment cost constraints, and energy storage battery multiplier constraints; the time scale was in years.

With the continuous study of energy storage application modes and various types of battery performance, it is generally believed that lithium batteries are most suitable for application in ...



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