

Wind power plant booster station system





Overview

How to improve the reliability of offshore wind power DC booster station?

An integrated scheme of DC booster station with voltage conversion, power flow distribution and fault protection is proposed. The integration scheme includes the integration of main circuit design, converter topology and control and protection strategy, which will effectively improve the operation reliability of offshore wind power DC boost system.

What is a 'potential stock' for wind power development?

It is a "potential stock" for future wind power development. Compared with the existing technology, the offshore wind power DC acquisition and boost system based on full DC conversion adopts DC transmission technology from wind power acquisition to transmission, which solves many technical problems caused by AC cable acquisition.

Is offshore wind power a 'potential stock' for future wind power development?

In recent years, the installed scale of offshore wind power in China has increased rapidly. The development of offshore wind power does not occupy coastline and waterway resources and avoid adverse impact on coastal industrial production and residents' life. It is a "potential stock" for future wind power development.



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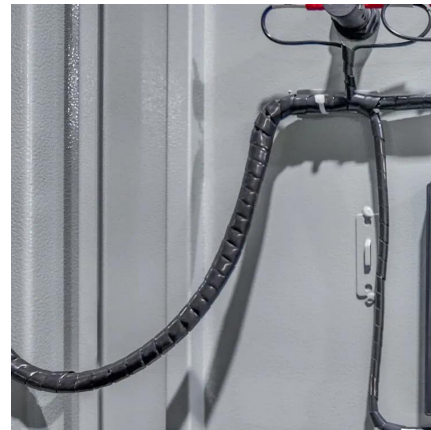


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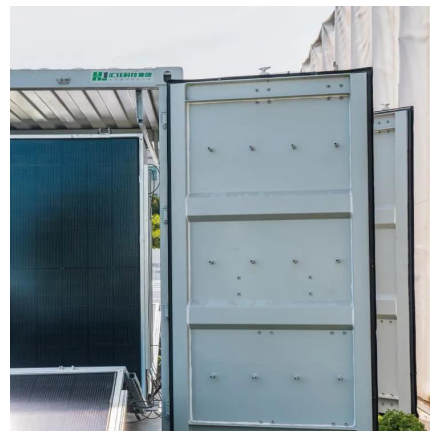
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