



糯扎渡特高压直流规模对广东电网影响研究  
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摘要: 根据广东电网规划, 研究糯扎渡特高压直流输电工程采用5 000 MW和6 400 MW两种输电规模对广东电网安全性, 稳定性的影响, 并分析不同直流规模对广东电源、电网发展的适应性。建议糯扎渡直流规模采用5000 MW。

关键词: 特高压直流, 输电规模, 多馈入直流, 稳定性

Study on Nuozhadu UHVDC Transmission Project's Capacity Affecting the Guangdong Power Grid

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Abstract: By giving the future plan of Guangdong Power Grid, analysis are carried out on the security and stability of Guangdong Power Grid when Nuozhadu UHVDC system choosing the transmission capacity of 5 000 MW or 6 400 MW. The adaptability of Guangdong electric power supply and power grid development under different UHVDC transmission capacities are discussed. It is concluded that the transmission capacity of Nuozhadu UHVDC system should be 5 000 MW.

Key words: UHVDC; transmission capacity; multi-infeed HVDC; stability

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