



南方电网2008年安全稳定控制策略
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摘要: 考虑到2008年南方电网的网架结构、送电水平和电源布局都有变化,有必要分析2007年安稳控制策略的适应性,并根据分析结果进行适当调整。文章通过对南方电网2008年网架结构以及典型运行方式下的严重故障进行扫描分析,找出其运行中存在的薄弱环节,按照简化、优化原则,提出了合理、可行的控制策略。这些控制策略已在现场的安稳装置中实现,并且运行状况良好。

关键词: 南方电网; 安全稳定分析; 严重故障; 控制策略

The Safe-stability Control Strategy of China Southern Power Grid in 2008

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Abstract: It is necessary to analyse the adaptability of safe and stability control strategy of the 2007 china southern power grid and adjust some strategy owing to change of grid structure, flow transportation level and electrical source distribution in 2008. By the scan and calculation of severe faults in CSG in 2008 under typical load-flow modes, it points out the weak aspects that threaten security of power grid. On the basis of the simplified and optimal principle, proper and feasible stability control strategy to handle these problems is provided, and it has been successfully applied to the local safety and stability control equipment.

Key words: China Southern Power Grid; safe and stability analysis; severe faults; control strategy

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