



高压直流阀冷系统漏水检测功能的改进
夏拥, 左干清, 吴畏, 王超, 吴宏波

摘要: 分析了南方电网中3回高压直流输电系统中的阀冷系统漏水检测与保护功能, 发现均存在一定设计漏洞, 装置有可能因此出现误动和拒动, 建议在天广直流系统以及高肇直流系统的阀冷控制系统中增加判据, 使之功能更完善。

关键词: 高压直流输电; 阀冷系统; 漏水检测

Improvement of Leakage Detection in Valve Cooling System for HVDC Transmission Systems

XIA Yong, ZUO Ganqing, WU Wei, WANG Chao, WU Hongbo

Abstract: Analysis on the leakage detection and protection function in three HVDC transmission lines in China Southern Power Grid is carried out in this paper. It is found that there is problem of valve cooling system designed in these lines, which may cause misaction and refusal to action. It is proposed that a judgement should be added to the value cooling systems in Tianshengqiao-Guangzhou Transmission Line and Zhaoyao-Zhaoqing Transmission Line.

Key words: HVDC transmission; valve cooling system; leakage detection

[点击此处下载](#)

[关闭窗口](#)