**《电力工程技术》**

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**第3期**

**高渗透率新能源电网规划与调控关键技术专题**

[1] 大规模新能源经张北柔直孤岛送出的虚拟频率研究

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[2] 带频率-电压死区的VSC-HVDC系统一次调频控制策略

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韩悌， 李碧君， 张振宇， 等. 风光火打捆多直流弱送端电网安全稳定防御系统研究[J]. 电力工程技术, 2020, 39(3):15-22.

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[4] 考虑风电接入的电网静态电压安全域计算

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[5] 风电场经VSC-HVDC并网故障穿越协调控制策略

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[1] SASDN时滞不确定性分析的顶层设计

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[2] 电网山火灾害特征及风险预警技术

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**电网运行与控制**

[1] 基于PSCAD的特高压直流输电系统建模与仿真分析

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**智能配网与微网**

[1] 提高APF谐波补偿能力的全局快速Terminal滑模控制

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**高电压技术**

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**智能电网技术**

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[3] 基于蒙特卡洛法的用电信息采集系统可靠性评估模型

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[1] 高压电缆缓冲层轴向沿面烧蚀故障机理分析

张静， 王伟， 徐明忠， 等. 高压电缆缓冲层轴向沿面烧蚀故障机理分析[J]. 电力工程技术, 2020, 39(3):180-184.

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[2] 全息多场景特高压换流站反事故推演平台研究及开发

吴奕， 崔玉, 王业， 等. 全息多场景特高压换流站反事故推演平台研究及开发[J]. 电力工程技术, 2020, 39(3):185-191.

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**第2期**

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[1] 新型同步调相机的关键技术及研究进展

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[3] 基于相角差时间函数调相机并网合闸时间预测

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[6] 负载不平衡条件下MMC-STATCOM补偿策略研究

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[1] 特高压直流故障的快速精细化静态安全分析

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[3] 基于PCS功率越限判据的独立型微电网紧急控制策略

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**电网运行与控制**

[1] 计及核电调峰的新能源电力系统两阶段随机优化调度

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**智能配网与微网**

[1] 基于智能负载的微电网精准切负荷控制策略

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**高电压技术**

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