

中国科技核心期刊 陕西省科技期刊一等奖

ISSN 1673-7598
CN 61-1452/TM

陕西电力

12

2014

第四十二卷

主管单位：国家电网公司 主办单位：国网陕西省电力公司 协办单位：陕西省电机工程学会

SHAANXI ELECTRIC POWER

- 基于粒子群优化算法的交流不对称故障下HVDC谐波计算
- 暴雨影响电网安全的机理及其在线防御技术
- 基于面板数据的广域量测数据处理方法研究
- 统一电能质量控制器的故障响应特性研究

特别推荐

- 1 基于粒子群优化算法的交流不对称故障下HVDC谐波计算 刘俊磊,钱 峰,王 超,刘俊勇,王维庆
6 暴雨影响电网安全的机理及其在线防御技术 常 康,薛 峰,吴勇军,宋晓芳,耿 艳
11 基于面板数据的广域量测数据处理方法研究 张乃平,唐飞

电网技术

- 16 风储联合发电系统运行性能研究 冯 爽,孟祥辉,赵新飞
21 运行服务总线综合评价方法与评测工具研究
..... 夏亚君,黄缙华,顾博川,汪贵州,刘 菲,唐升卫
26 统一电能质量控制器的故障响应特性研究 陈国富,王天群,陆振纲,马明媛,安宁钰
30 基于风险理论的预防控制与紧急控制的协调优化 关小芳,陈 磊,袁 琦
35 串联型电压暂变补偿器的准IR控制研究 夏冠亚,程新红,陈增禄
39 基于方波电流注入的正弦调制阻抗测量方法研究 杨 祯,章建峰
44 基于粒子群算法的配电网分层规划方法研究 张林,金忠达
48 P - V 曲线与模态法联合应用分析电网静态电压稳定性 姜一涛,毛王清,杨明玉

技术应用

- 51 云计算在电网资产质量监督管理中的应用研究 张明,施建华,张声圳
56 雾霾中的雾对盐密的影响 马德英,刘 动,卢 明,陈枫林
60 DCS远程专家指导系统的设计与实现 潘卫华,刘伟娜,李振波
63 大港油田110/35 kV同杆四回线路的防雷保护设计 姜玉宏,常 俊
69 直流偏磁对深圳电网主变压器的影响及抑制措施的研究 章 彬,黄炜昭,陈 潇
73 变电站继电保护设备状态检修的管理研究 何小飞,方美凤
78 MACS型DCS在锅炉排污系统中的应用 李 娟,马 佳,张玉杰
82 用于污水处理的纤维素纳米颗粒表面改性实验研究
..... 郭季璞,郭家骅,吕平海,赵文亮,丁 德,鱼小兵
86 影像地图在输电工程中的应用 卢黎明,吕睿博,龚小燕
88 某火力发电厂超临界锅炉末过末再受热面改造后节能降耗效果评估
..... 罗江勇,吕新乐,洪小飞
91 SOFA对 NO_x 排放及燃烧的影响 何小平,文 力

FEATURED FOCUS

- 1 Particle Swarm Optimization Based HVDC Harmonic Calculation under Asymmetric Faults in AC System
..... LIU Junlei, QIAN Feng, WANG Chao, LIU Junyong, WANG Weiqing
- 6 Impact of Rainstorm on Power Grid and its Online Blackout Defense Technology
..... CHANG Kang, XUE Feng, WU Yongjun, SONG Xiaofang, GENG Yan
- 11 A Novel Feature Extraction Method for WAMS Data Based on Panel Data ZHANG Naiping, TANG Fei

ELECTRIC ECONOMY SURVEY

- 16 Research on Operation Characteristics of Wind-ES Hybrid Power System
..... FENG Shuang, MENG Xianghui, ZHAO Xinfei
- 21 Comprehensive Evaluation Method and Evaluation Tool for Operation Service Bus XIA Yajun,
HUANG Jinhua, GU Bochuan, WANG Guizhou, LIU Fei, TANG Shengwei
- 26 Study on Fault Response Characteristics of Unified Power Quality Conditioner
..... CHEN Guofu, WANG Tianqun, LU Zhengang, MA Mingyuan, AN Ningyu
- 30 Coordination Optimization of Preventive Control and Emergency Control Based on Risk Theory
..... GUAN Xiaofang, CHEN Lei, YUAN Qi
- 35 Quasi-IR Controller Study of Series Voltage Sag Compensator XIA Guanya, CHENG Xinhong, CHEN Zenglu
- 39 Square-wave Current Injection Based Sinusoidal Modulated Impedance Measuring Technique
..... YANG Zhen, ZHANG Jianfeng
- 44 Prone into Distribution Network Hierarchical Planning Method Based on Particle Swarm Optimization
..... ZHANG Lin, JIN Zhongda
- 48 Static Voltage Stability Analysis of Power System Using Combination of P - V Curve and Modal Analysis
..... JIANG Yitao, MAO Wangqing, YANG Mingyu

TECHNOLOGY APPLICATION

- 51 Application of Cloud Computing in Grid Assets Quality Supervision Management
..... ZHANG Ming, SHI Jianhua, ZHANG Shengzhen
- 56 Influence of Fog-haze Environment on EDSS MA Deying, LIU Dong, LU Ming, CHEN Fenglin
- 60 Design and Realization of DCS Remote Expert Guidance System PAN Weihua, LIU Weina, LI Zhenbo
- 63 Design of Lightning Protection of 110/35 kV Quadruple Circuit Transmission Line on Same Tower in Dagang Oilfield
..... JIANG Yuhong, CHANG Jun
- 69 Probe into Impacts of DC Magnetic Bias on Main Transformer in Shenzhen Power Grid and its Countermeasures
..... ZHANG Bi, HUANG Weizhao, CHEN Xi
- 73 Study on Condition-based Maintenance Management for Substation Relay Equipment HE Xiaofei, FANG Meifeng
- 78 Application of MACS-type DCS in Boiler Blowdown System LI Juan, MA Jia, ZHANG Yujie
- 82 Cellulose Nanoparticles Surface Modification Experiments for Sewage Treatment
..... GUO Jipu, GUO Jiahua, LYU Pinghai, ZHAO Wenliang, DING De, YU Xiaobing
- 86 Application of Image Maps in Power Transmission Project LU Jiming, LYU Ruibo, GONG Xiaoyan
- 88 Effect Evaluation of Final Superheater and Reheater Heating Surface Transformation on Saving Energy and Reducing Consumption for a Supercritical Boiler LUO Jiangyong, LYU Xinle, HONG Xiaofei
- 91 Probe into Effect of SOFA on NO_x Emission and Combustion HE Xiaoping, WEN Li

大山深处



摄影 程海力

ISSN 1673-7598



中国连续出版物号
万方数据

ISSN 1673-7598
CN 61-1452/TM

邮发代号 国内 52-185
国外 4832-BM

定价 10.00元/期
120.00元/年

广告经营许可证 6100004000139