

电网与清洁能源

Power System and Clean Energy

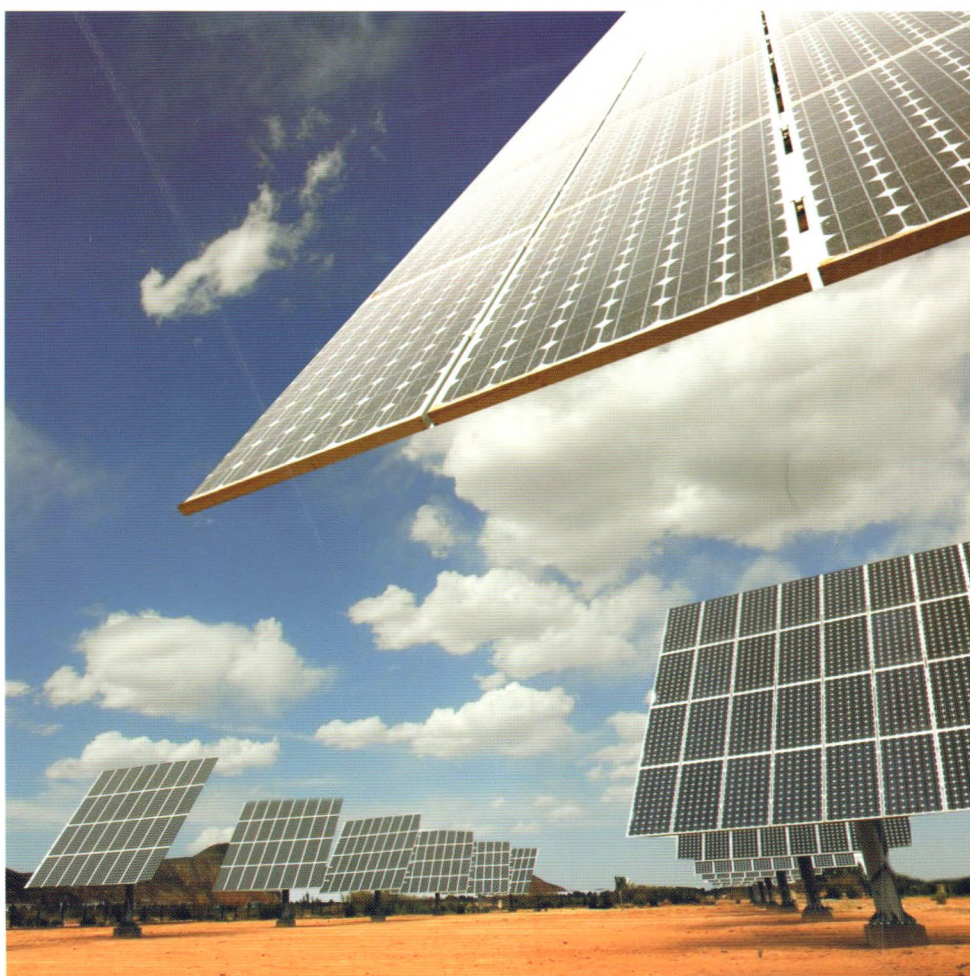
中文核心期刊 Chinese Core Journals

中国科技核心期刊 Chinese Science and Technology Core Periodical

美国《乌利希期刊指南》收录期刊 Indexed by Ulrich's Periodicals Directory, United States

波兰《哥白尼索引》(IC)来源期刊 Source Periodicals for Index of Copernicus (IC), Poland

DIANWANG YU QINGJIENENGYUAN



☐ 考虑新能源接入的定量风险评估在省级电网中的应用

Application of Quantitative Risk Assessment Method in Provincial Power Grid with New Energy Connected

主管单位 国家电网公司
主办单位 陕西省电力公司
西安理工大学水电土木工程建筑研究设计院
State Grid Corporation of China
Shaanxi Electric Power Corporation
Design Academy of Water Conservancy Hydroelectric
Civil Engin&ARCH of Xi'an University of Technology

Authorities in Charge
Sponsor

2016
07

ISSN 1674-3814



万方数据

智能电网

- 01 考虑新能源接入的定量风险评估在省级电网中的应用 / 孙建波, 曹侃, 黄文涛, 卢子敬, 周鲲鹏, 胡博
- 06 中性点绝缘系统电压互感器三角形绕组短路问题分析 / 李云阁, 王倩, 蒲路, 马军, 高宇, 王南
- 11 基于战略联盟的电力工程EPC项目信息化管理平台 / 侯学良, 李彦青, 刘凯
- 17 考虑负荷电磁暂态特性的油田智能配电网网络保护整定方法研究 / 王炳国, 陈瑶, 康忠健, 钟高文
- 23 基于 $2n+1$ 点估计法的含分布式电源配电网的电压质量概率评估 / 陈伟, 郭秋池, 裴喜平
- 30 哈郑直流投运后河南电网事故备用适应性及应对策略 / 董浩宇, 吕泉, 朱全胜, 武亚光, 李卫东
- 38 角钢格构式门型变电构架柱根开的数值模拟及应用研究 / 徐皇冈, 崔洪波, 陈志林
- 45 基于经济分析的上海电力景气研究 / 谈一鸣, 孙伟卿
- 51 小型可调气压罐设计及复合电压下穿墙套管电场仿真研究 / 朱俊谕, 颀孙旭, 王婵媛, 卞星明, 于婧, 张静岚, 符瑜科
- 58 电流互感器大电流饱和测试技术研究 / 张小庆, 张宜阳, 薛建, 左宝峰, 雷阳, 朱大锐, 张文超
- 65 超高压电网中高压并联电抗器配置型式实例研究 / 姚金雄, 付彬, 李文辉, 邹彬, 王芝麟
- 71 “十三五”江苏电网网架评估研究 / 杨林, 汪惟源, 万振东, 虞暄, 陈国年, 袁建华
- 77 电能表健康度分析及整体运行状态预测方法 / 肖坚红, 赵永红, 薛晓茹, 孙承露, 吴少雄, 武文广
- 81 10 kV电缆突发故障检测方法研究 / 毛骏
- 87 人工蜂群优化支持向量机的电气故障诊断方法研究 / 吴国诚, 范良忠
- 92 基于概率与小波分析的故障检测方法及其应用 / 赵佳佳, 马喜平, 贾嵘, 沈渭程, 党建
- 96 智能电网温度高精度远程在线控制方法研究与改进 / 刘桂涛, 李骥, 郭海如
- 101 计算机网络对智能电网安全的有效保护机制分析 / 黎斌, 杨小梅
- 106 基于电流保护约束的逆变型分布式电源最大接入容量与接入位置选择 / 董开松, 刘琛琛, 张惠智

清洁能源

- 112 直驱永磁风电机组的改进附加惯性控制方法 / 王印松, 王艳飞, 商丹丹, 李珂
- 118 影响风力发电决策的政府激励机制研究 / 赵文会, 钟孔露, 王辉, 谭忠富, 叶冬
- 125 分布式光伏集群谐振分布范围及其影响因素分析 / 高静, 李鹏, 孙健
- 132 基于EEMD和BP神经网络的短期光伏功率预测模型 / 于群, 朴在林, 胡博
- 138 基于模糊聚类的含风电场发电系统可靠性分析 / 刘步中, 张曦煌
- 143 溢洪洞出口挑流鼻坎优化试验研究 / 陈小威, 张宗孝, 刘冲, 杜麦
- 149 吉布洛电站上游调蓄水库泄水建筑物水工模型试验研究 / 李颖, 陶永霞, 刘子祺, 罗全胜, 雷恒

本刊送阅:

国务院、国家能源局、各省(区)政府电力、能源主管领导

国家电网、能源企业主要负责人

中国科学院、中国工程院院士

电力、能源相关学会、协会

中国国家图书馆、中国版本图书馆、各省(区)图书馆

万方数据

Contents

Power System and Clean Energy

2016 Vol.32 No.7 (Ser.204) Monthly

Smart Grid

- 01 Application of Quantitative Risk Assessment Method in Provincial Power Grid with New Energy
Connected / *SUN Jianbo, CAO Kan, HUANG Wentao, LU Zijing, ZHOU Kunpeng, HU Bo*
- 06 Analysis of Short-Circuit Fault Occurring at PT Delta Windings in Neutral-Isolated Systems /
LI Yunge, WANG Qian, PU Lu, MA Jun, GAO Yu, WANG Nan
- 11 Information Management Platform for EPC Electric Engineering Projects Based on Strategic
Alliance / *HOU Xueliang, LI Yangqing, LIU Kai*
- 17 Study on Protection Setting Method of Oilfield Smart Distribution Grid Considering Load
Electromagnetic Transient Characteristics / *WANG Bingguo, CHEN Yao, KANG Zhongjian,
ZHONG Gaowen*
- 23 Probabilistic Evaluation of Voltage Quality on $2n+1$ Point Estimate Method for the Distribution
System Containing Distributed Generation / *CHEN Wei, GUO Qiuchi, PEI Xiping*
- 30 Adaptability and Countermeasures for Contingency Reserve of Henan Grid Integrated with
UHVDC Transmission Line from Hami to Zhengzhou / *DONG Haoyu, LÜ Quan, ZHU Quansheng,
WU Yaguang, LI Weidong*
- 38 Numerical Simulation and Application of Foot Span of Steel Lattice Door-Type Substation
Structure Pillars / *XU Huanggang, CUI Hongbo, CHEN Zhilin*
- 45 Electric Power Boom of Shanghai Based on Economic Analysis / *TAN Yiming, SUN Weiqing*
- 51 Design of Small Pressure Adjustable Tank and Research on Simulation of Electric Field of Wall
Bushing under Composite Voltage / *ZHU Junyu, ZHUANSUN Xu, WANG Chanyuan,
BIAN Xingming, YU Jing, ZHANG Jinglan, FU Yuke*
- 58 Research on Saturation Test under High Current for Current Transformers / *ZHANG Xiaoqing,
ZHANG Yiyang, XUE Jian, ZUO Baofeng, LEI Yang, ZHU Darui, ZHANG Wenchao*
- 65 Case Study of High Voltage Shunt Reactor Configuration Type in EHV System / *YAO Jinxiong,
FU Bin, LI Wenhui, ZOU Bin, WANG Zhilin*
- 71 Research on the Performance Evaluation of Jiangsu Power Grid Structure in the 13th Five-Year /
YANG Lin, WANG Weiyuan, WAN Zhendong, YU Xuan, CHEN Guonian, YUAN Jianhua
- 77 Analysis of the Health Degree of Electric Energy Meters and the Prediction Method of the Overall
Running Status / *XIAO Jianhong, ZHAO Yonghong, XUE Xiaoru, SUN Chenglu, WU Shaoxiong,
WU Wenguang*
- 81 Research on Detection Methods for Burst Faults on 10 kV Cable / *MAO Jun*
- 87 Research on Electrical Fault Diagnosis Method Using WA-ABC-SVM / *WU Guocheng,
FAN Liangzhong*
- 92 A Fault Detection Method Based on Probability and Wavelet Analysis and Its Application /
ZHAO Jiajia, MA Xiping, JIA Rong, SHEN Weicheng, DANG Jian
- 96 Research and Improvement of the High-Precision Remote Online Control of Smart Grid
Temperature / *LIU Guitao, LI Ji, GUO Hairu*
- 101 Analysis of Effective Security Protection Mechanism of Smart Grid in Computer Network /
LI Bin, YANG Xiaomei
- 106 Maximum Access Capacity and Connection Point Choice of Inverter Interfaced DG Based on
Current Protection Constraints / *DONG Kaisong, LIU Chenchen, ZHANG Huizhi*

Clean Energy

- 112 An Improved Additional Inertia Control Method for D-PMSG / *WANG Yinsong, WANG Yanfei,
SHANG Dandan, LI Ke*
- 118 Impacts of Government Incentive Mechanism on Decisions of Wind Power Generation /
ZHAO Wenhui, ZHONG Konglu, WANG Hui, TAN Zhongfu, YE Dong
- 125 Analysis of Resonance Distribution Range and Influence Factors of Clustered Distributed
Photovoltaic / *GAO Jing, LI Peng, SUN Jian*
- 132 A Hybrid Model for Short-Term Photovoltaic Power Forecasting Based on EEMD-BP Combined
Method / *YU Qun, PIAO Zailin, HU Bo*
- 138 Reliability Analysis of Generation Systems With Wind Power Based on Fuzzy Clustering /
LIU Buzhong, ZHANG Xihuang
- 143 Optimizing Experimental Study on Jet Bucket of Flood Discharge Tunnel Export / *CHEN Xiaowei,
ZHANG Zongxiao, LIU Chong, DU Mai*
- 149 Research on Hydraulic Model Test of Sluicing Structures of Upstream Storage Reservoir of
Djiploho Hydropower Station / *LI Ying, TAO Yongxia, LIU Ziqi, LUO Quansheng, LEI Heng*

