

TABLE OF CONTENTS

目 录

A Control Strategy Based on State-of-Charge and Equal Incremental Cost Criterion for Distributed Energy Storage (基于 SOC 和等微增率准则的分布式储能控制方法)	
Z. L. WEI, M. Y. CHEN, Q. LI, F. X. CHEN, W. F. LING.....	47
The Design of Electric Vehicle Charging Pile Energy Reversible (能量可回馈的电动汽车充电桩设计)	
C. Z. LV, X. F. WANG, L. H. XIE.....	59
A Multi-Agent Based Distributed Economic Droop Control for Islanded Microgrid (基于 MAS 的孤岛微网分布式经济下垂控制)	
W. F. LING, M. Y. CHEN, Q. LI, F. X. CHEN, Z. L. WEI, C. YAO, H. R. WU.....	67
Research on Driving Characteristics of GaN Power Devices (氮化镓功率器件驱动特性的研究)	
W. Y. LIU, S. W. GAO.....	79
A Double-Voltage Distribution Mode for Distribution Network (一种配电网的双电压配电方法)	
Z. Q. KUANG, X. F. XIONG, J. X. OUYANG.....	89
Capacitance-Voltage Balancing Control Method for the Submodule of Modular Multilevel Converter Based on the Rapid Sequencing Method (基于快速排序法的 MMC 电容电压均衡控制策略)	
M. L. TANG, C. XIAO, J. X. OUYANG, R. YU, X. ZHANG, X. F. XIONG.....	97
A Charging Method of Electric Vehicles Based on Mobile Charger Mode (一种基于移动充电器模式的电动汽车充电方法)	
P. P. HAN, H. T. ZHANG, X. M. ZHANG, X. A. ZHANG, B. B. LI.....	105
Early Assessments of Electric Power Information System Based on Projection Pursuit Cluster Method Integration (基于投影寻踪聚类法的电力信息系统早会评估)	
D. G. WANG, J. LIU, L. CHENG, J. Y. LIU, Z. RUAN, X. D. SHEN.....	116
The Research of Sub-Area Division of the Power Systems Based on Genetic Algorithm (基于遗传算法的电网动态分区研究)	
C. J. CHU, Q. Q. SHI, L. YU.....	123

**Influence Mechanisms of High-Energy Load Regulation by Tracking Wind Power
Fluctuations on Network Loss Reduction**

(高载能负荷跟踪风电波动进行调节对电网降损的作用机理)

C. X. YAO, W. Y. LIU, Y. W. ZHANG, F. C. LIU, J. J. ZHENG.....132

Distributed Control Method with Local Information for Islanded Microgrids

(采用局域信息的孤岛微电网分布式控制方法)

W. F. KANG, Q. LI, C. B. PENG, M. K. GAO, T. CHEN, J. GAO.....142