

## TABLE OF CONTENTS 目 录

### **Impact of Load Model on Short-Circuit Current in Tianjin Power Grid** (负荷模型对天津电网短路电流的影响)

L. P. QIU, X. J. TANG, G. Y. YU, Z. B. LI, Z. G. HUANG.....129

### **Discussion on Temperature Monitoring Method for Power Cable Joints of the Ring Main Unit** (环网柜电力电缆接头温度在线监测方法研究)

M. LIU, P. CHEN, Q. Y. MA, D. G. YANG.....138

### **Influence of the High-Energy Load's Helping Regulating on the Peak Regulation Margin with Significant Wind Power Integration** (大规模风电并网后高载能负荷参与调节对调峰裕度的影响)

Y. W. ZHANG, W. Y. LIU, X. W. FU, H. L. GUO, W. Z. WANG.....143

### **Research and Analysis of Temperature Measurement Based on Multi Channel Fiber Acceleration Test Analysis Method** (基于多通道光纤加速度测试分析法测温的研究与分析)

C. J. TANG, B. TAO.....151

### **Research on H-Bridge Cascaded APF Based on CPS-SPWM** (基于 CPS-SPWM 调制的级联 H 桥有源电力滤波器研究)

X. GONG, Y. L. ZHAO, Y. ZHAO, Q. Y. MA.....156