

变电站智能视频跟踪监控系统研究与应用

摘 要

自改革开放以来，我国电力行业的发展越来越快，国家电网触及的区域也越来越广，电力用户也得到了进一步的增加，同时随着科学技术的飞速发展，传统的、单一的电力系统也朝着多功能化、智能化的道路前进，目前全国电力通信网的主要形式是：光纤数字微波与电力线载波网络混合共存。信息技术在发展，电力信息技术的力量正在越来越多的被应用到电力系统中，视频监控系统发挥的作用也越来越大。智能化、无须看管的变电站已经成为电力公司未来的发展方向。

关键词：智能视频；监控；跟踪技术；视频压缩编码；

ABSTRACT

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Since reform and opening up, China's power industry development faster and faster, the state grid hit area is becoming more and more wide, power users have also been further increases, at the same time, with the rapid development of science and technology, the traditional and single power system also advance the way of multi-functional and intelligent, electric power communication network is the main form of the whole country at present: optical fiber digital microwave mixed with power line carrier network coexistence. With the development of information technology, the power of power information technology is being more and more applied to the power system, and the video surveillance system is playing an increasingly important role. Intelligent and unattended substation has become the future development direction of power company.

Keywords: Intelligent video; Monitoring; Tracking technology; Video compression

coding;

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