



无线技术在现代电网管理中的应用与展望
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摘要：无线技术综合了传感器和无线网络通信的技术优势，具有广阔的应用前景。文章在介绍无线技术基本概念、一些常用的无线传输技术和一些代表性电力研究项目和应用的基础上，阐述了无线通信技术在现代电网管理中的作用，包括其优势、不足及发展前景。

关键词：无线技术；现代电网；无线功率传输；Zigbee

Development of Wireless Technology in Modern Power Grid Management and its Perspective

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Abstract: Integrating the advantages of sensor and wireless communication networks together, the wireless technology has wider application future. Introducing the basic concepts, some wireless technologies in common use and several representative research and application projects in electric power, this paper discusses the role of wireless technology in the management of modern power grid, including its advantages, disadvantages and the prospect in its development.

Key words: wireless technology; modern electric power system; wireless energy transformation; Zigbee

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