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专家论坛

2010年国际大电网会议配电系统及分发电组研究进展与方向

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摘要: 为保证未来向用户提供更加绿色、清洁、优质的能源, 国内外的研究重点已转移到未来电网的发展, 特别是未来配电网的发展上。简要介绍了CIGRE 2010—2020年4个战略研究方向和10个技术研究方向的研究内容, 重点介绍了CIGRE 配电系统及分发电(C6)组2006—2010年已经完成的研究项目、2010—2012年启动的研究项目以及2013—2016年关注的研究方向, 以期为我国开展智能电网研究提供借鉴与参考。考虑到国内外配电网发展的阶段不同, 还提出了今后应该考虑的问题及建议。

关键词:

Strategic Plans of CIGRE Distribution System & Disperse Generation (C6)

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Abstract: In order to ensure to provide users with more green, clean and high quality energy sources in the future, the research emphases in power system home and abroad is being changed to the future development of power grids, in particular, the development of future distribution networks. Four strategic directions in the study of CIGRE from 2010 to 2020 and the research contents in ten technical research directions proposed in CIGRE2010 are presented in brief. The accomplished research items of CIGRE C6 (distribution system & disperse generation) from 2006 to 2010 and the research items that start from 2010 to 2012 as well as the follow-up research directions to which special attention should pay from 2013 to 2016 are emphatically described to offer reference for the research on smart grid in China. Considering the difference between the stage of distribution network in China and that in other countries, some problems to be taken into account from now on are pointed out and related suggestions are proposed.

Keywords:

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