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## 南方电力市场建设和模拟运行

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### 摘要

建设区域电力市场、在区域范围内优化资源配置是我国电力体制改革的重要任务。作为我国区域电力市场建设试点之一,南方电力市场启动模拟运行为我国南方区域资源优化配置提供了更高层次的平台,因此备受各方关注。本文对南方电力市场的阶段任务、市场主体、撮合交易模式、与国内其他区域电力市场相比所具有的特点进行了介绍,对将近两年模拟运行的情况及其特点进行了总结,归纳了取得的成绩,并提出了建设好南方电力市场还需要进一步解决的问题,即:如何结合南方电网实际情况建设南方电力市场、如何解决电力市场建设与南方五省区经济社会协调发展、如何解决电力市场建设与西电东送协调发展、节能发电调度方式改革和南方电网市场化进程如何良性衔接等问题。

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分类号

## Development and Simulative Operation of South China Power Market

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### Abstract

Establishing regional power market and optimizing the assets allocation in regional areas are key tasks in China's power industry reformation. South China Power Market (SCPM) is one of the pilot regional power markets in China and started simulative operation on Nov. 22th, 2005. The simulative operation of SCPM provides South China a higher-level platform to optimize power resources distribution. Therefore, it deserves much attention. This paper provides an overview of stage tasks、market main bodies and special characteristics of SCPM compared to other regional power markets in China. In particular, the SCPM's transaction mathematical model of high-low match method in which the transmission costs of trans-provincial power transmission and expenditure costs in order to balance competition ability in west-east provinces is described. The achievements and characteristics of the two-years simulative operation of SCPM was deeply analyzed and the profound reason of the monthly bidding result was discussed tentatively. In the end, some suggestions and recommendations for further improvement and challenge of SCPM are provided, including how to establish SCPM in light of its practical situation, how to balance the power market construction and the economy development in South China and how to balance power market and energy-saving power generation dispatching.

Key words [electricity market](#) [simulative operation](#) [matching making method](#) [economic-society coordination](#) [transmission from west to east](#) [energy-saving power generation dispatching](#)

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