

电力市场

水电参与电力市场竞价的关键问题研究

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摘要:

随着电力市场化改革的推进,发电侧电力市场将进一步开放,水电将进入电力市场,并按照公平、公正、公开的原则参与竞价上网。从充分利用水电资源、优化资源配置、坚持可持续发展的角度出发,探讨了市场化环境下水电如何参与竞价上网的几个关键问题,如水火竞争模式设计、水电的综合利用问题、梯级水电站参与市场竞争的协调机制、弃水电量协调解决机制等,并提出了相应的解决方案,以期为我国电力市场建设提供借鉴与参考。

关键词: 电力市场 竞价 水火竞争模式 水电综合利用 发电权交易 资源优化配置

Research on Key Issues Related to Power Market Bidding for Hydropower Plants

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Abstract:

With the power market reform in China, generation-side power market will be further opened. Hydropower plants will enter the power market and participate in the bidding on the principles of equity, fairness and publicity. In view of taking full advantage of hydropower resources, optimizing allocation of resources and insisting on sustainable development strategy, the authors discusses several key issues on the participation of hydropower plants in bidding under the circumstances of power market. These issues include design of competition mode between hydropower and thermal power, comprehensive utilization of hydropower, competition and coordination among cascaded hydropower plants, and reduction of abandoned hydropower. The solutions to the issues are also proposed in the paper, which can provide the reference for the construction of power market in China.

Keywords: power market bidding competition mode between hydropower and thermal power comprehensive utilization of hydropower generation rights trade optimal allocation of resources

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