

عنوان مقاله:

A Review of Voltage Control Methods in Power Systems

محل انتشار:

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خلاصه مقاله:

Voltage instability is one of the most important issues in power systems. In recent years, with the restructuring of power systems, system operators to operate the system at a point near the border of stable conditions to maximize profits and reduce costs. When an event occurs in the power system, if the power system is not able to maintain voltage in its various parts, the phenomenon of voltage instability in the power system has occurred which can lead to widespread blackouts in the system. In addition to causing great economic losses, these blackouts will also cause customer dissatisfaction with the electricity network. Therefore, identifying the voltage instability in the network, which can be followed by deciding on control measures, will play an important role in increasing the quality and security of the system. In this paper, various methods of voltage stability and control are introduced, studied and reviewed

کلمات کلیدی:

اضطراری ولتاژ, پایداری ولتاژ, کنترل غیر متمرکز, Emergency Voltage Control, Stability Voltage, Decentralized Control, کنترل

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