

The Research of Distribution Automation System Trend of in the Domestic Development

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ABSTRACT

Before domestic not yet is developed in the early countryside society industry and commerce, the social populace to the electric power supplier request not high; But along with society and economy The development, also relatively enhances regarding the high quality and the high reliability electric power supply dependence, especially the society develops all the more consummates the ability which disturbs regarding the withstanding power cut accident to be also frailer. A complete electrical power system contains has three major parts: Namely for generating system, transmission system, and electrical power distribution system; However has directly with the social populace is connected, also is changes the most sensitive part to the social life is the electrical power distribution system, therefore the affiliation electrical power distribution system automation is improving the power supply reliability, has become one of modern electrical power distribution system development research main directions. This report main key point is compares to the present electrical power distribution system and difference of the implementation power distribution automated system, also discussion implementation power distribution automation to merit of the system; And the introduction analysis automation overhead construction and the principle, make the introduction analysis again to the domestic and foreign development survey; Discussion implementation power distribution automation to power supply reliability, benefit, and influence project necessity, then research discussion power distribution automation trend of in the domestic development, in addition will put forward the proposal to the future electrical power distribution system power supply way. Will penetrate this memoir, the reader has to the future electrical power distribution system development direction reveals and the explicit understanding.

Keywords : distribution automation ; reliability

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