

Abstract

In the electric automated system of city at county level at present, a lot of automated systems mostly exist, for finishing different functions , roughly include the following several part in the automation of city at county level: Transformer substation complex automatic system , Dispatch automated system , Distribution automation system , Geographical information system ,Electric consumption check meter system,etc..

This text proceeds from real business demand and sets out with the technical feasibility angle to the construction mode of power automation of city at county level at present, have study the demand for the urban electric wire netting at county level, has studied the composition of the electric complex automatic system and function of each module , and trend is it makes to be comparatively deep research to calculate.

Through discovering thoroughly , it is very suitable to set up " Colligation Power system at county level " in the city at county level of this text, can improve the management water product of the urban electric network at county level from such all respects as the economy , efficiency ,etc. , reduce the enormous management cost for electric enterprises , make the electric complex automatic system of city at county level have enormous value to popularize.

Keyword:Distribution Automation 、 Distribution Network Analysis 、 Powerflow 、 Colligation Power system at county level

