

Based on the coupling relationship between power and communication networks, a method for the optimal allocation of distribution network resources considering this coupling is ...

To overcome this limitation, the proposed method incorporates the coupling of the traffic and distribution networks into the planning process. The method involves modeling the transportation ...

Distribution automation is an important method to improve the reliability, quality and capacity of power supply, and helps to realize the efficient and economic operation.

Cisco's Distribution Automation solution uses advanced key generation and exchange mechanisms for both link layer and network layer encryptions, simplifying key management and ...

This paper presents a methodology for distribution networks automation planning. The presented methodology identifies the optimal location of intelligent protec.

In order to resolve the transmissions network planning issue, this research employs the ant colony algorithm, a highly intelligent bionic optimization tool. Using it to seek the paths and ...

In this report, groups of DA functions have been combined into Distribution Automation scenarios, so that the combined capabilities can be assessed. In addition, many of the DA functions must rely on ...

Towards the complete vision of smart distribution grid, this paper presents a generic framework and strategy for the implementation of distribution automation system (DAS).

Aiming at the self-healing problem in low-voltage distribution networks, this paper first analyzes the impacts of steady-state circulating current and inrush current generated by the loop ...

This Distribution Automation (DA) architecture is a fundamental part of any Cisco network, providing enhanced, end-to-end security from the control center all the way to the edge of the distribution network.

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