

عنوان مقاله:

Application of GIS and SCADA in Power systems and their Protection aspects in order to optimized management of electricity distribution networks, increasing Immunity and decreasing incidents in these networks

محل انتشار:

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خلاصه مقاله:

Today technology and science are developed in all fields, thus Manual computations and designing are replaced with advanced computer systems. Electricity distribution networks are complicated expanded specifically, so it is impassible to dandle these networks without automation and mechanization systems. One of the most important computer systems is geographic information (data) system (GIS). The most significant application of this system is to design and exploit electricity networks in order to gain the aims of electricity industry and intelligent networks. In this study, we work on the application of GIS and SCADA systems in electricity distribution companies. The impact of GIS on increasing the immunity of individuals and equipment is examined

کلمات کلیدی:

SCADA, GIS, Electricity distribution networks, Geographic information system

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