

عنوان مقاله:

A SOFTWARE DEVELOPMENT FOR PROTECTION DESIGN OF DISTRIBUTION SYSTEMS

محل انتشار:

هفدهمین کنفرانس بین المللی برق (سال: 1381)

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خلاصه مقاله:

This paper describes developed software, which determines the optimal location and placement of over current protective devices such as reclosers, sectionalisers as well as their size and settings. The priority is given to providing all main feeders and the laterals with recloser protection, while the security and the selectivity of the protection system have also been considered. In order to achieve these, first the location of reclosers is determined, then for protection of laterals suitable fuses are selected based on coordination with back-up reclosers. At this stage also the time settings of reclosers are chosen. The software, which has graphic interface and user-friendly features, assists with the coordination of over current protection devices in a distribution network and also provides load flow and short circuit .analysis as well as optimal placement of compensating capacitors

کلمات کلیدی:

Over current, Protection, Recloser, Sectionaliser, Fuse

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