

عنوان مقاله:

Improved Protection System for Distribution Network to Maintain Fuse in the Presence of Distributed Generation Resources

محل انتشار:

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خلاصه مقاله:

Renewable sources are used to provide power in power systems on feeders or near consumers. The placement and installation of these resources should take into account their negative effects on the distribution network. In this paper based on flow control of dispersed production resources by using current-voltage-voltage diagrams during the error, a method of regulating the coordination of protective measures is presented. The flows during the error, with the presence and absence of dispersed production resources, have been designated at various locations and compared to each other. The simulation results in ETAP software shown that adjust the coordination of protective equipment in some cases by entering these resources into the network, they get into trouble and the protective coordination is .restored using the proposed method

کلمات کلیدی:

,Distribution network, protection, fuse retention, distributed resource generation
شبکه توزیع, حفاظت, حفظ فیوز, تولید منابع پراکنده

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