

Sensitivity refers to the sensitivity of relay protection to



Overview

Sensitivity is the ability to detect small faults, and selectivity is the ability to discriminate faults within the relay's zone of protection. Based on simple examples of the generator-transformer unit protection from symmetrical short circuits, it was shown that the sensitivity factor is not a sufficiently objective measure of sensitivity of the. The relay protection sensitivity is one of the determined factors in the power system, however, it is often overlooked in current distribution network (DN) planning. For example, unselective protection operation during a medium voltage network fault will cause an outage for an unnecessarily large number of consumers. overload relays may not trip within 2 hours under a. speed, sensitivity, dependability, security, and selectivity. The paper considers the use of various communications channels, including direct relay-to-relay fiber-optic channels and multiplexed digital fiber-optic networks.



Article Content

Module 6-Relay Setting Principles For Transmission

The document discusses relay setting principles for transmission line protection. It begins by outlining the four key characteristics of relay protection: selectivity,

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