Abstract

The project deals with the detection of transmission line fault and the place where the fault has occurred. With conventional methods we can not find the location, whereas wavelet makes the location detection very easy. Certain faults like open, short may be detected using simple electronic circuitry, but the location of fault can be analyzed only with wavelet transform.

Reference

- [1] Classification of power system faults using wavelet transforms and probabilistic neural networks k. harish kashyap1, u.jayachandra shenoy2

Index Terms

Electrical & Electronics

Electric Power

Systems

Key words

Transmission Line Fault Detection Protocol

Wavelet Transform

Open Circuit

Short Circuit

Noise

Load Mismatches