Abstract

The proposed method provides convergence approach which is fast and time efficient. The sequential numbering of the branches are not required in this methodology which makes it much easier from computation point of view. The backward forward sweep method for load flow analysis needed less memory as compared to conventional method. The computation is very simple and fast. Effectiveness of the following method is tested on IEEE 15 bus system.

References
Load flow Analysis using Backward Forward Sweep Method

- F. V. Gomes. 2006. A new distribution system reconfiguration approach using optimum power flow and sensitivity analysis for loss reduction

Index Terms
Computer Science
Information Science

Keywords
Radial Distribution Network  Load Flow Analysis  Forward-backward Sweep