

POWER SYSTEM -1 LAB

LIST OF EXPERIMENT:

1. Predetermination and verification of ABCD parameters of a transmission line.
2. To measure positive, negative and zero sequence impedance of the given three phase transformer.
3. To determine the voltage regulation for a medium line / small line under different conditions.
4. To study a high voltage oil test set and determine the insulating strength of pure / impure transformer oil.
5. To study the voltage distribution along a string of suspension insulators.
6. Plot V-I characteristics of a single-phase line with and without fault using Simulink.
7. Plot V-I characteristics of a three-phase line with and without fault using Simulink.