

Power system studies and relay coordination



OBJECTIVE

- Get knowledge on the modelling of power system components
- Appreciate the different power system analysis and their relevance to practical problems in power system
- Gain insight into the IEEE/IEC standards related to the studies
- Understand the analysis functionalities in power system software, NEPLAN



AUDIENCE

Electrical Engineers, Design, EPC, testing and commissioning personnel, consultants and engineers from generation companies, industries having IPPS and CPPs, utilities, industries and process plants, Academia, Students of Electrical /Power System.



CONTENT

Load flow

- Voltage profile calculations and influencing factors
- Modelling and case studies
- Contingency analysis

Transient stability and voltage stability analysis

Harmonic Analysis

Power system General

- Fault calculation
 - Short circuit current calculation
 - Short circuit Studies
 - Z bus matrix and symmetrical components
 - Balanced and unbalanced faults

Relay Coordination and grading between overcurrent and short circuit devices

Power system study tools

- NEPLAN®
- Case studies

LIVE ONLINE TRAINING

Duration: 24 hours

More information and registration here:

<https://bit.ly/HitachiGridAcademy>