



Power system earthing



OBJECTIVE

- Understand the concept of earthing
- Gain knowledge necessary to design and manage the earthing systems of utility and industries
- Appreciate the complex problems of conductive and inductive interrelationships between substation and powerline earthing
- Appreciate the techniques for solving problems found in earthing system design using computer-based techniques



AUDIENCE

Asset managers, project managers, maintenance managers, electrical engineers and other technical staff responsible for power system or other assets that rely on earthing systems for their safe and correct operation.



CONTENT

Basic concepts of earthing

- Electrical properties of soil
- Measurement

Earth potential rise

- Step and touch potential concepts

Fundamentals of overhead line earthing

- Cable earthing
- Equipment earthing

Basics of Lightning and surge protection

Overview of Earthing system design

Case studies

LIVE ONLINE TRAINING

Duration: 9 hours

Dates:

April 5th – 7th or September 13th – 15th 2023

Price: 405 €

More information and registration here:

<https://bit.ly/HitachiGridAcademy>