Power system earthing

Objectives
- 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.

Course topics
- 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
Date and Location
- Date:
  
  Call 1: May 19th – 20th  
  Call 2: September 15th – 16th
- Class time: 08h30 - 14h30
- Location:
  
  ABB Power Products & Systems India Ltd  
  Maneja, Vadodara  
  390013 - Gujarat  
  India

Price
980 $ per person

Registration
Register here: madrid.abbuniversity@es.abb.com
Please register before
  
  Call 1: May 5th  
  Call 2: September 1st

Contact us
ABB Power Grids Spain, S.A.U.  
Power Consulting  
San Romualdo, 13  
28037 Madrid  
Spain  
Phone: (+34) 666 57 40 77  
E-mail: madrid.abbuniversity@es.abb.com

For more information