

## Protection coordination & Arc flash hazard analysis



### OBJECTIVE

- Familiarize the relays coordination and arc flash hazard phenomena to power system engineers.
- Understand the concept of Power System protections & grading studies
- Understand arc flash hazard concept & analysis



### AUDIENCE

Personnel from Power Utilities, Power Generation, transmission companies & industries and Consultants responsible for system design, planning and engineering of power system.



### CONTENT

- Power System protection- Principles
- Relay Co-ordination and grading between overcurrent and protection devices
- Directional overcurrent relays
- Unit Protection
- Primary & backup relays and their grading
- Arc flash hazard concepts
- Arc flash hazard analysis
- Power system study tools
- IEEE 242, NFPA standards
- Case studies

### LIVE ONLINE TRAINING

**Duration:** 8 hours

**Dates:**

March 15<sup>th</sup> – 16<sup>th</sup> or September 27<sup>th</sup> – 28<sup>th</sup>  
2023

**Price:** 600 €

**More information and registration here:**

<https://bit.ly/HitachiGridAcademy>