



Unit protection (Generator, transformer, motor)



OBJECTIVE

- Identify the critical failures in the Generator, Power Transformer and HT Motors.
- Understand the impact of failure on equipment, power availability and system stability and define the protection philosophy.
- Learn about recommended setting practices.



AUDIENCE

The Personnel from power utilities, power generation, transmission companies and industries and consultants responsible for engineering, commissioning, operation and maintenance of substations



CONTENT

- Types of faults in transformers
- Principles of major protections like differential, REF, O/c & E/f, overexcitation
- New developments in transformer protection
- Typical setting calculation for selected protections of Motor
- Understanding thermal overload protection, motor start-up protection, locked rotor protection, short circuit protection, earth fault protection, unbalance protection
- Types of faults in generators
- Principles of major protections like differential, pole slip, reverse power and others
- Typical setting calculation for selected protections

LIVE ONLINE TRAINING

Duration: 9 hours

Dates:

March 22th – 24th or June 7th – 9th or
October 10th – 12th 2023

Price: 405 €

More information and registration here:

<https://bit.ly/HitachiGridAcademy>