



# IN-DEPTH GENERATOR TRAINING

## Purpose

- In-depth understanding of generator assembly and operating principles,
- grid operation and typical maintenance program.

## Prerequisite

- Basic knowledge of three-phase rotating machines technology
- and operating principles.

## Target audience

- Plant managers, plant operators and service technicians.

## Segment

- All segments

**Assessment:** Quiz

**DURATION:** 5 days (35 hours)

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## CONTENT

- Generator operating principles, inside-out build and components.
- Generator excitation, synchronization, operation modes (island/grid) and protection relaying.
- Generator maintenance practices, analysis of results and typical internal failure modes.

