Seminar No. 752

In-Depth Generator Training – Generator Operation

Course Description:
This course covers the generator excitation, synchronization, operation modes (island/grid) and protection relaying:

- Plant Single Line Diagram.
- Generator Excitation Panel.
- Generator Protection Panel.

Learning Outcomes:
Understand generator behavior in a grid, typical operation modes, limits and grid failure modes.

Prerequisites:
Basic knowledge of 3-phase rotating machines technology and operating principles. Basic knowledge of generator grid components.

Participants:
Plant managers, plant operators and service technicians.

Duration:
2 days