

Energizing People > Powering the Future



## 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

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