Turbo-Generator Operation & Maintenance

Course objectives

- Expansion of existing professional knowledge among employees involved and responsible for the maintenance of generators.
- Recognition and thorough understanding of the theoretical knowledge behind the operation and maintenance of generators.
- Operation and maintenance of generators - in practice.

Key Topics

1. **Theory, Construction & Operation**

   **Day one**
   - Principles of Operation of Synchronous Machines
   - Generator Design and Construction
   
   **Day two**
   - Generator Auxiliary Systems
   - Operation and Control
   
   **Day three**
   - Monitoring and Diagnostics
   - Generator Protection

2. **Inspection, Maintenance & Testing**

   **Day four**
   - Inspection Practices and Methodology
   - Stator Inspection
   - Rotor Inspection

   **Day five**
   - Auxiliaries Inspection
   - Generator Maintenance Testing
   - Maintenance

A total of 40 hours of instruction
The course will be taught in English
The course will be held on January 2015, between the 25th and 29th
The number of participants is limited