

Course Overview:

The Static Var Compensator (SVC) course explores the operation of the SVC (i.e., thyristorcontrolledreactor, thyristor-switched capacitors, and SVC controller), as well as the automaticcontrol of the voltage or the power factor in three-phase power networks

Course Objective:

- Real operating static var compensator (TCR-TSC type).
- Includes the SCADA view window of an SVC.
- Study and experiment with voltage and reactive power control

Course Outline:

- Examine the main components of a static var compensator (SVC).
- Understand the simplified diagram of an SVC.
- Analyze the three main components of an SVC
- Analyze the operation principles of SVCs
- Explore the reasons behind power factor correction in industrial applications
- operation principles of SVCs when used for dynamic power factor correction

Who Should Attend:

- Engineers and Technicians in power plant & electricity supply industry
- Technical Management Professionals and Department Leaders
- Engineering Professionals from companies manufacturing and operating in power plants

Training Language:

EN / AR

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation