



Static Var Compensation

Date	Venues	(\$)Fees	Book your seat
04 Feb -08 Feb 2024	Dubai	2900	Register Now

Course Overview

The Static Var Compensator (SVC) course explores the operation of the SVC (i.e., thyristor-controlled reactor, thyristor-switched capacitors, and SVC controller), as well as the automatic control 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

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

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

Training Methodology

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

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