



Power system voltage stability



OBJECTIVE

This course provides a basic understanding of Reactive Power followed by conceptual knowledge of Voltage Stability. Subsequent parts of the course will focus on the identification and analyses of Voltage Stability in the Steady State and Dynamics regimes. Importance of adequate modeling of equipment shall be discussed with special considerations on load dynamics. A hands-on experience of technical analyses is included. The final day of the course will be devoted to practical mitigation of Voltage Instability concerns.



CONTENT

- Reactive Power Basics
- Voltage Stability Concepts
- Steady State Voltage Stability Analyses
- Dynamic Voltage Stability Analyses
- Improvement of Voltage Stability



AUDIENCE

Technical Staff of Utilities, Transmission Owners and System Operators who are associated with the Planning and/or operation of Transmission Systems. Familiarity or experience with systems analyses (power flow and dynamics) and associated tools is desirable.

LIVE ONLINE TRAINING

Duration: 16 hours

Dates:

August 22th – 25th or November 7th – 10th
2023

Price: 600 €

More information and registration here:

<https://bit.ly/HitachiGridAcademy>