

Training: Get started with EMTP-RV



EMTP-RV

The reference for power systems transients

Objectives:

The objective of this course is to give to beginner participants a good first hands-on experience on EMTP-RV and an overview of the EMTP-RV capabilities.

- Manage the GUI,
- Chose the configuration (models, equipments) suited to the type of simulation to run.
- Identify and solve simulation failures.
- Analyze simulation results.

The course is based on the usage of EMTP-RV for demonstrating concepts and teaching through practical problem cases.

Agenda:

- Presentation of EMTP-RV
- Presentation of the Graphical User Interface EMTPWorks
- Practical exercises
- Introduction to ScopeView

- **Simulation options:**
 - Load Flow solution
 - Steady state solution
 - Time domain analysis
 - Frequency scan

- **Introduction to EMTP-RV models and applications:**
 - Transformers
 - Power electronics
 - Lines and cables
 - Rotating machines
 - Relay models

More information at www.emtp-software.com

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Duration :

2 days – 14 hours of continuing education.

Schedule : from 9 :00 AM to 05 :00 PM

Language :

The training will be given in English.
Supports and software are in English.

Computers and temporary EMTP-RV licenses:

Each participant will have to bring a personal computer. EMTP-RV temporary licenses will be provided for the duration of the course.

Intended audience:

They could be users of the software but also people who would like to discover how useful this simulation tool can be for them.

- Professionals from Power Transmission,
- Distribution and Production companies,
- Professional engineers,
- Consultants,
- graduate students,
- People interested in electromagnetic transient studies.

Technical background required:

Basic knowledge in electrical systems (machines, transformers, electrical networks)