CYMGRD Course Catalog

POWERSYS

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About US

With the aim to support our clients in their electrification challenges, we provide different kind of simulation software trainings. The trainings are customized depending on the level of seniority of the participants and their specific needs.

Powersys engineering team has more than 20 years of experience and expertise in the field of modelling and advanced electrical engineering simulation.

We can use its experience to carry every study necessary for the optimal functioning of your power system. In particular, we can help you predict the impact of many events.

List of Training

Basic - Grounding system design - 2 Days

Preliminary remarks

Licensing

CYME temporary licences will be provided for the duration of the course.

Training Duration

The time for each part of the training are only indicative and can be modified based on the need and the background of the audience.

Methodology

The overall methodology is based on theoretical explanation on main concepts and details and demonstrations followed by the review of the fundamental use of the software.

Requirements

The minimum recommended requirements for the machine are:

- Processor: i7, CPU @1.8 GHz, RAM: 16GB 64-bit Operating system
- Latest version of the software
- Free space in the hard disk

CYME

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Basic - Grounding system design

Intended audience

New CYMGRD users
Engineers
Consultants
Students

Duration

2 days

Price

1,500€ / day = 3K€

Preliminary remarks

Objective

The objective of the CYMGRD basic training is to give new CYMGRD users a general overview of this software. From the creation of the soil model to the analysis of results, all functions will be explored. Some general application examples and exercises will be used during the training. The training will be a mix of theory, demonstrations and exercises.

Progam

- Presentation of the Grounding system modeling theory
- Presentation of the IEEE 80-2013
- CYMGRD GUI overview
- Soil model creation and analysis
- Grounding system designer
- Analysis module: step and touch voltage, 3D maps…
- Study cases, exercices