





# Dielectric moisture analysis of power transformers with DIRANA

 1.0 day

 English

 Cptr03en

Learn how to use DIRANA and the corresponding software to perform dielectric response measurements, analyze the measurement curves and determine the water content of power transformers.

## Objectives

- ▶ Using the DIRANA to measure the dielectric response on power transformers
- ▶ Connecting different transformer types
- ▶ Handling practical issues like a noisy environment
- ▶ Doing the interpretation of the dielectric response curves
- ▶ Determining the water content

## Content

- ▶ Sources of water in transformers
- ▶ Methods of water determination
- ▶ Measurement of the dielectric response of power transformers
- ▶ Analysis of dielectric response curves
- ▶ Case studies

## Solutions

DIRANA software  
DIRANA hardware and its accessories

## Audience

Technical staff involved in transformer testing in utilities, service companies, transformer manufacturers or repair shops

## Prerequisites

Knowledge of electrical engineering