



Time-optimized power transformer diagnostics with TESTRANO 600

Part 1



1.5 hours



English



Wptr02en

You will expand your knowledge of transformer diagnostics and applications in theory and practice. In this webinar you will get familiar with the TESTRANO 600 functions for **DC winding resistance**, **Dynamic OLTC measurements** and **Demagnetization**.

Objectives

- ▶ You understand how the various diagnostic measurement methods work and in which situations and why they should be used
- ▶ You can analyze the results as part of the condition assessment of power transformers to fully exploit the lifetime of your asset
- ▶ You get familiar with time-optimized tests and diagnostics in the substation, power station or workshop

Content

Part 1: Time-optimized power transformer diagnostics with TESTRANO 600

- ▶ Common safety measures to prepare power transformers before maintenance and testing
- ▶ DC winding resistance with TESTRANO 600
- ▶ Dynamic OLTC measurement with TESTRANO 600
- ▶ Demagnetization of the transformer core after DC measurements with TESTRANO 600
- ▶ Evaluation and assessment of the discussed measurement results using practical examples and case studies

Solutions

TESTRANO 600
Primary Test Manager (PTM)

Audience

Technical staff involved in transformer testing in utilities, transmission, distribution and generation networks, railway grids, service companies and manufacturers.

Prerequisites

Knowledge of electrical engineering