





Time-optimized power transformer diagnostics with TESTRANO 600 Part 4



 1.5 hours

 English

 Wptr05en

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 **Capacitance and Power / Dissipation Factor measurement** on power transformer's winding- and bushing insulation.

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 4: Time-optimized power transformer diagnostics with TESTRANO 600 and CP TD12/15

- > Common safety measures to prepare power transformers before maintenance and testing
- > Theoretical background to capacitance and dissipation / power factor measurements
- > Capacitance and dissipation/power factor measurements on the winding insulation
- > Capacitance and dissipation/power factor measurements on high-voltage bushings
- > Evaluation and assessment of the discussed measurement results using practical examples and case studies

Solutions

TESTRANO 600
CP TD12/15
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