Predictive Maintenance of Power Transformers
Diagnostic and condition based maintenance tests on Power Transformers in Substations, Power Plants and large Industrial Plants.

AIMED AT

• Utilities
• Power plants
• Manufacturers of electrical equipment
• Industrial plants
• Promoters of wind farms
• O&M companies

SERVICES

Tests to assess transformer condition: insulation, windings, core and bushings, as part of predictive maintenance and asset management programmes.

TESTS

• Tan Delta and capacitance of windings
• Tan Delta and capacitance of bushings
• FRA - Frequency Response Analysis
• Return voltage
• Insulation resistance and polarisation index
• Windings resistance
• Magnetic core characterization
• Voltage ratio
• Short-circuit impedance

• Expertise on the performance and interpretation of the tests
• Long Experience in on-site tests
FULLY UPDATED TESTING EQUIPMENT FROM THE MAIN MANUFACTURERS

- DOBLE
- BAUR
- TETTEX
- UNITRONICS
- Other

Wide scope of on-site tests at substations, power and industrial plants on:

- Transformers
- Generators
- HV & MV Cables
- MV Motors

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TECNALIA is a private applied research and testing centre with the necessary human resources to generate technological knowledge. A combination of technology, tenacity, efficiency, courage and imagination.

TECNALIA has over 1,500 expert staff working together towards a common goal: generating business opportunities through applied research.

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