

➤ Erection & Commissioning / Decommissioning Services

The Challenge

Despite their impressive size and construction, transformers are susceptible to what might seem like small details. Ensuring that your transformer

is installed properly will guarantee optimal performance levels and your financial investment.



400 MVA 400 kV Power Transformer

AREVA T&D Service Solution

When installing a new transformer or removing an existing one, AREVA T&D is your ideal partner to guarantee the security and quality of transformer and accessory care. For this reason, it is important that the highly skilled AREVA T&D Service experts handle your transformer's erection and commissioning process.

Perfectly timed and organized project management is required as well as a complete understanding of a power transformer's needs. Based on over 100 years of power transformer manufacturing experience, our expert Service teams are qualified in all of the following:

- > Transformer Movement
 - Assembly
 - Disassembly
 - Removal
 - Transportation
 - Installation
- > Oil Processing, Vacuum and Oil Filling
 - Vacuum stages
 - Degassing

- Filtering
- Moisture withdrawal
- Heating process
- Oil analysis, including:
 - DGA sampling
 - Breakdown voltage
 - Power factor measurement
 - Water content
 - Interfacial tension
 - Full laboratory analysis

Customer Benefits

- > Know-how and expertise from a worldwide manufacturer
- > Improves reliability
- > In accordance with international and regional standards
- > Operational safety standards (for staff and equipment)
- > Environmental conditions

- > Commissioning and Electrical Testing
 - Windings and bushings power factor
 - Insulation resistance test (Megger)
 - Ratio measurement
 - Doble test
 - Winding resistance
 - Excitation
 - Tap changer tests
 - CT testing
 - Insulating oil analysis
 - Accessories verifications and tests
 - Auxiliary circuits control tests

Our team is trained and experienced, respect international and local quality standards and

environmental conditions. When installing, erecting and commissioning your power transformer, who better to trust than one of the world's most recognized power transformer manufacturers?

- > Skilled and trained team members
- > Execution and resources planning
- > Complete set of equipment and specialized tools
- > Support for all types of technologies and brands
- > Electrical Tests according to international standards
- > Quality, safety and environmental standards and practices: ISO 9001, 14001 and OSHAS 18001.



Transformer installation



Turnkey power transformer removal/revamping



750 MVA 425 kV Power Transformer



AREVA Legacy companies (Since 1886): AREVA, AEG, AEI, AEG-ETI, Alstom, Alsthom, Alsthom Atlantique, Alsthom Unelec, Alsthom Savoisiennne, Ansaldo Coemsa SA, British Thompson-Houston Co., Ltd., Cesa SA, Soemsa SA, Coemsa-Ansaldo SA, English Electric, French Thomson Houston Company, GEC, GEC Alsthom, Hackbridge & Hewittic, Hackbridge Electric Construction Co., Ltd., Kelvin Transformers, London Transformer Products, Metropolitan-Vickers Electrical Co., Ltd., Schorch Werke Rheydt AG, Societe Alsacienne de Construction Mecanique, Sprecher & Schuh, Thomson-Houston Company.

AREVA T&D has more than 100 years of experience as a power transformer manufacturer, with factories and service centers all over the world who are ready to support our customers' needs. We always focus on quality, the environment, long transformer life and complete customer satisfaction.

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Energy is our future, don't waste it!