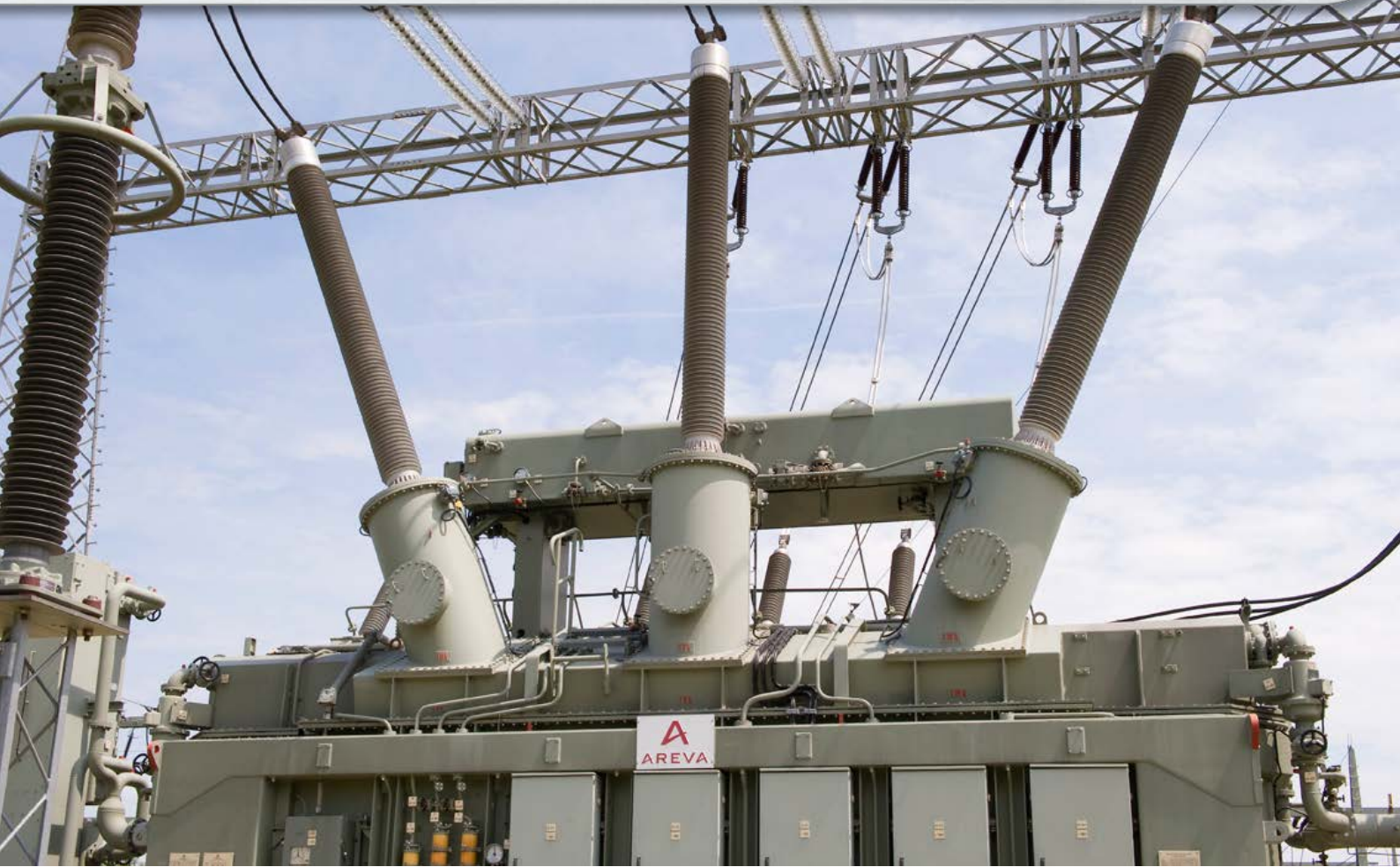


SERVICE AND RETROFIT.

REPLACING HIGH-VOLTAGE BUSHINGS.



Comprehensive service by our specialists –
the best approach for a long transformer service life.

A power transformer has a service life of more than 40 years. As a rule, however, the bushings on the transformer have to be replaced sooner because breakdowns at faulty bushings can lead to significant damage to the transformer and the immediate vicinity. Regular inspection of critical components can, however, prevent such events and ensure a reliable, trouble-free power supply. Our independent experts run professional diagnostics on your transformer and give you a recommendation for action. We support you in ensuring the maximum availability of your transformer.

Our services include:

- Measurements and diagnostics for all bushings (tan Δ , PD, capacitance, etc.) online and offline
- Recommendations for action from independent specialists
- Procuring standard and special bushings
- Complete service on site from a single source: We perform all of the work necessary for replacing bushings
- Complete project management (turnkey)
- All services can be provided individually or in combination with additional services such as diagnostics, maintenance or replacement of on-load tap-changers or other transformer components



Our experts during the replacement of a high-voltage bushing with $U_m = 300$ kV at a 125 MVA grid connection transformer



The targeted approach of our specialists

Our independent experts utilize the most cutting-edge measuring instruments. Whether we are measuring as part of regular maintenance, during installation or after the emergence of critical values, you always receive comprehensive and descriptive diagnostics. On request, we also install sensors and measuring instruments for online monitoring.

If replacement is necessary, we clarify the necessary details in advance, such as those relating to connection on the take-off lead and transformer side, and record the dimensions as well as the key electrical data. Then you receive a detailed offer.

Why we are the right service partner for you

- We are on site where you need us. We have 150 specialists deployed around the world
- We offer complete solutions. We would be happy to create a package offer for you, encompassing on-load tap-changer

maintenance and replacement of components such as dehydrating breathers, display units and bushings

- We know the inner workings of a bushing. We manufacture our own hollow composite insulators with silicone screening in Regensburg under the ReCoTec® brand name
- We have the network. REINHAUSEN Group offers products and solutions specifically tailored to your needs involving every aspect of transformers. Aspects which we can't cover ourselves are handled in partnership with high-quality providers such as experts for special bushings

Your advantages at a glance:

- Independent experts
- Contact with important bushing manufacturers
- Collaboration with all OEMs
- Combination of tap-changer maintenance and diagnostics for bushings

THE POWER BEHIND POWER.

