T V A P O W E R S E R V I C E S H O P S

Field Operations: Electrical Distribution Equipment Services

When your transmission or distribution equipment needs refurbishing, you'll find the expertise you need at TVA's Power Service Shops.

The Transformer and Bushing Department maintains the necessary equipment and expertise to efficiently and safely refurbish both potential transformers and current transformers up to 500 kV and electrical bushings up to 161 kV.

We maintain one of the largest vapor phase ovens in the business, capable of supporting the TVA system's biggest transformers. Combined with our lifting capacity of more than 400 tons, it provides a shop environment capable of a quicker and higher-quality turnaround on major transformer repairs and improvements in the overall quality and life expectancy of the windings.

Our experienced craftsmen are capable of performing all repairs to transmission equipment either in our shop or at your location. They can:

- Perform oil purification onsite using one of the many Puri-Vac insulating oil mobile cleaning systems
- Perform insulating oil purification with shop facilities that include the fuller's earth process
- Replace gaskets on transformers and electrical bushings
- Replace coils
- Repair regulators, reactors, and cores
- Test all high-voltage equipment
- Repair high-voltage switchgears
- Fabricate and install electrical shunts and grounds
- Provide thermal stress relief
- Perform high/low-voltage bus inspections and replacements
- Perform electrical board change-outs (480 V - 6.9 kV)
- Demo/replace PCB oil-filled cables
- Install new electrical systems.

TVA has been in the power business for more than seven decades. That means a level of expertise honed over millions of work-hours at every type of plant and facility. Put that experience to work for your plant by contacting us today.

www.tvapowerserviceshops.com

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