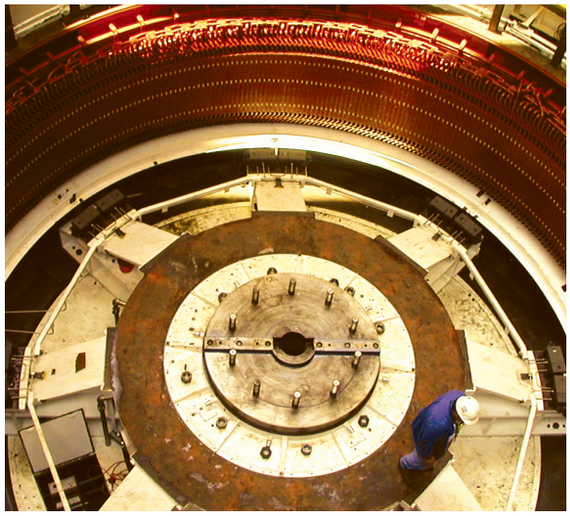
TVA POWER SERVICE SHOPS

Field Operations: Hydro Plant Services

When you need hydro plant repairs or maintenance services, you'll find the expertise you need at TVA's Power Service Shops.

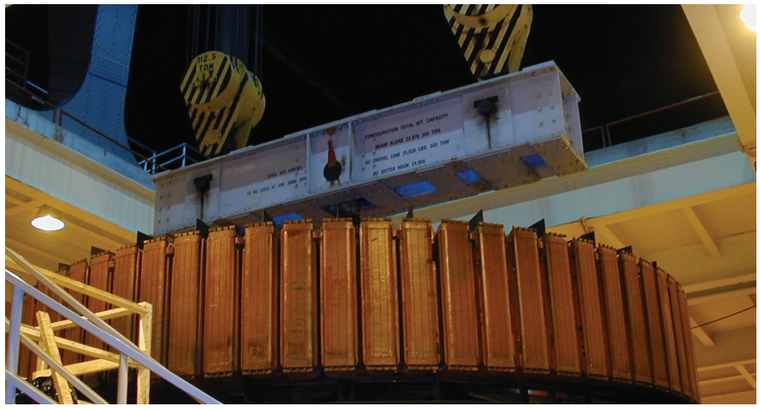
With more than 200 generating units in the TVA system, which includes hydro, fossil, pumped-storage, nuclear and combustion plants, we know power generating components inside and out. Our turbine services are turnkey, providing a complete solution to your problem.

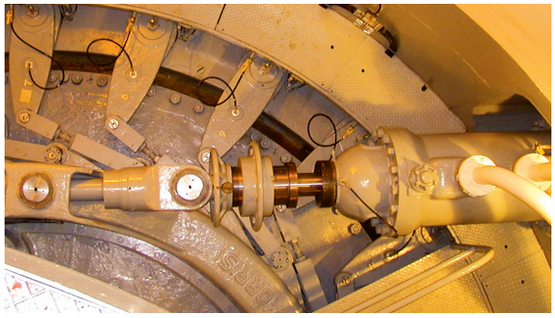
We perform every facet of hydro plant maintenance and repair, from routine service to complete overhauls, upgrades and auxiliary equipment maintenance. After preparing for your project with in-shop planning, design and fabrication, we complete the generator, turbine and component repair at your site. Our service can even include certified crane operators to support overhauls and maintenance at your facility. In fact, we offer some of the best value in onsite repairs available anywhere.



Our hydro services include:

- Disassembly and reassembly
- Cavitation damage repairs
- Wicket gate adjustments
- Kaplan head repairs
- Shaft plumb alignments
- Laser shaft and plumb alignment
- Packing and seal replacement
- Electrical upgrades
- Bearing adjustments
- Turbine and generator upgrades
- Generator pole piece refurbishment.



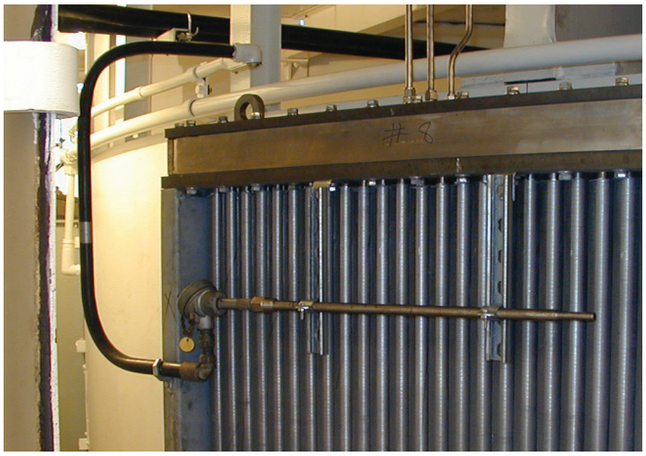


Our major overhauls include inspection and repair of:

- Servo motors
- Generator and turbine bearings
- Generator rotors and stators
- Coupling faces and journals.

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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