



# ELECTRICAL SERVICES FOR HYDRO GENERATORS

Jenkins has been working with hydroelectric power generation companies for more than 75 years, offering industry-leading hydro generator repair and testing. We take on repair, rewind, and testing services both on-site or in-house, with a skilled team of technicians, machinists and engineers that can assist with complex projects and large capacity needs.

## IN-HOUSE SERVICES

**Hydro Generator Repair, Rewind and Testing**

**Large Capacity Machining and Fabrication of Replacement Parts:**

- Shafts
- Oil and collector rings
- Brush holders

**Turning and Milling (72" diameter, 34' length)**

**Foundry Services to Cast Broken or Formerly Irreplaceable Parts**

**3D Printing Services to Create Lightweight 3D Samples to Determine Fit On-site Prior to Casting**

## FIELD SERVICES

**On-site Engineering and Design**

**Generator Inspection**

**Generator Rewind**

**On-site Cleaning, Dry Ice Cleaning**

**Surge, Hipot and Voltage Drop Testing**

**Consulting**

**Stator Lamination Restack**

**Static Exciter Conversion**

**Vibration Monitoring**

**Breaker, Transformer and Relay Testing**



On-site repair and testing.



In-house machining and fabrication.



Disassembly and unstacking of thousands of laminated steel sheets to create a new stator core. Tolerance requirements were several thousandths of an inch on the bore ID.



p: 800-438-3003  
f: 800-392-2612  
JenkinsElectric.com

5933 Brookshire Boulevard, Charlotte, NC 28216  
©2017 Jenkins, All rights reserved.