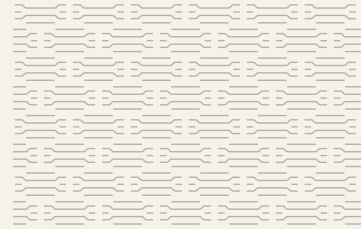


FLANDERS has deep expertise and decades of experience in the engineering, manufacturing and servicing of electrical rotating equipment and control systems that bring machines to life.

While today we develop some of the most advanced controls and software for heavy machines in the connected era of Big Data, our roots are in hands-on repair of electrical and mechanical apparatus and support systems. Our renewable energy program can rehabilitate and upgrade your existing facilities ensuring vital continued operation well into the future.



Stator

- EL CID and core loop testing
- Complete restack of core laminations
- Rewinds including high voltage coils
- CO2 dry ice cleaning
- Stator uprate and coil redesigns
- Meet or exceed all IEEE Standards

Other Electrical Services

- Complete exciter overhauls and rebuilds
- Armature and field rewinds
- Full switchgear services
- Startup services
- New laminations and pole pieces
- Static excitation systems
- Control systems



Runner Repair

FLANDERS has a vast machine shop to completely rebuild Kaplan and Francis runners. We repair holes, keyway damage and balance up to 100,000 lbs.

Rotors

- Complete field pole rebuilds
- Cleaning and testing rotor
- Wedge tightness survey
- Complete rotor mechanical and electrical inspections
- Wire and laser alignments of rotor and bearings



Complete Bearing Services

- Babbitt bearing repairs
- Water bearing reconditioning
- Thrust bearing reconditioning
- Bearing conversions

On-Site Inspections

- Dismantling / assembly and rigging
- Complete mechanical rebuilds
- Complete electrical rewinds
- Core lamination replacement / repair