

# Motor and Generator Field Services

Keep operations running and minimize downtime



ABB offers a full range of onsite Motor and Generator Field Services, with an experienced Field Service Team available 24/7, to help keep your operations up and running or minimize disruption to operations during an emergency outage.

**From installation and commissioning to outage support, predictive/preventive maintenance, and repairs, ABB Electrification Service is here to support your needs.**

ABB has a network of service centers with highly trained technicians that support the Field Service Team as needed. We have the experience and knowledge to work on any motor, industrial generator, or small hydro generator units.

## Motor and generator field services capabilities

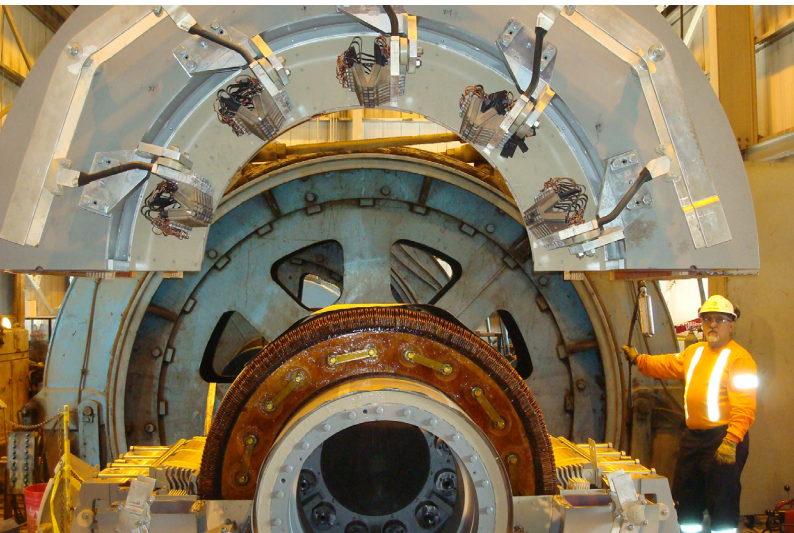
- Maintenance: predictive and preventive
- Onsite service, repairs, and rewinds
- Outage support: emergency or planned
- Motor and generator removal, installation, and commissioning
- Consulting services
- Service agreements

## Predictive maintenance

- Motor Condition Diagnostics (MCD)
- LEAP: Life Expectancy Analysis Program
- Vibration analysis
- Current signature analysis
- Thermography (infrared imaging)
- Oil analysis
- Ultrasonic analysis
- Partial discharge testing
- Motor circuit testing
- Motor efficiency testing

## Preventive maintenance

- Laser alignment
- Onsite balancing
- Visual inspections
- Borescope inspections
- ABB – air gap inspector
- Dry ice cleaning/general cleaning



#### **Onsite service, repair, and rewinds**

- Bearing and housing inspections: blue check, scrape, bearing clearance
- Core Iron Inspection - ELCID testing
- Commutator and slip ring turning
- Replacement of consumables: filters, oil, brushes, etc.

#### **Service agreements**

- Tailored to meet customer needs
- Include all parts, services, and repairs

#### **Customer benefits**

- Solution-based programs
- Increase plant uptime and productivity
- Reduce maintenance costs
- Minimize equipment-parts inventory
- Improve plant safety
- Increase equipment life
- Organize maintenance activity

#### **The ABB advantage**

Trust ABB for top-quality reliable service, including:

- Experienced engineering and technical support
- Predictive analysis tools
- Advanced on-line monitoring and failure analysis
- Industry-specific application expertise
- Global service center network
- Emergency service available

#### **Contact us**

For more information, call toll free +1 888 434 7378 or visit [electrification.us.abb.com/services](https://electrification.us.abb.com/services)

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