

Evansville Service Center

ABB Electrification Distribution Solutions



The Evansville Service Center features on-site and in-shop service for motor, generator, and switchgear repairs. With access to the global network of ABB Service Centers, Evansville is truly your total repair solution.

Motor and Generator Services

- On-site and in-shop capabilities
 - Alignment, PDMA, vibration analysis
- ABB and multi-OEM equipment
- OEM technology and support
- Experienced technicians and certified craftsmanship
- AC, DC motors and generators
- Dynamometers & exciters
 - Amplidyne & Alterrex
- Proven Coil Insulation Systems for rewinds up to 15kV
- Basic overhaul – repair and return
- Bearings & seals
- Complete rewinds and insulation system upgrades
- VPI (Vacuum pressure impregnation)
- Failure analysis
- Motor Condition Diagnostics – Onsite Inspection and Maintenance Services for Motors including LEAP Testing
- Complete horsepower upgrades
 - Capability and rating analysis
- Frame modifications
 - C and D flange, and P base
- Refurbish and remanufacture
 - Surplus, spare, ABB and multi-OEM

Switchgear Services

- On-site and in-shop capabilities
- Diagnostic testing and evaluation
- Ground fault testing and certification
- High current testing
- Preventative maintenance programs
- Power management system retrofits
- Limitamp* motor starter maintenance and vacuum conversions
- Retrofit low voltage trip units
- High, medium and low voltage substation maintenance, upgrades, and modifications
- Loaner circuit breakers
- Trip curve certification
- Switchboard and control modification
- Infrared scanning
- All circuit breakers
 - Repair, retrofit, refurbish, convert, replace, and retro fill
- ANSI® and IEEE® compliance



Mechanical & Machining Services

- Mechanical & Machining Services
- Inspection & measurement, turning, grinding & balancing
- Onsite services - collector ring grinding, commutator turning & polishing
- Pumps, turning gears & gearboxes, valves & seals

Mining Services

- Dragline & shovel motors and generators
- AC and DC wheel motors, alternators and blowers

Offerings

- Emergency 24-hour service
- Factory authorized warranty repair center
- Experienced engineering and technical support
- Certified Six Sigma quality craftsmanship
- Outage and shutdown planning
- Comprehensive solutions
- ABB engineering support

Contact us:
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For more information on the ABB Evansville Service Center or to answer any questions you may have, contact us at us-evansvilleservicecenter@abb.com

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