WE KEEP ELECTRIC MOTORS AND GENERATORS RUNNING

REPAIR SERVICES

Motor & Generator Repair
- AC motor repair thru 10,000 HP
- DC motor repair thru 7,000 HP
- Wind—generator repair up to 3-MW
- Random wound coil manufacturing
- 7 ft. VPI—100% solids epoxy resin
- UL® re-certification, explosion-proof motor rebuilds
- Precision dynamic balancing
- Bearing rebabbiting
- Commutator resurfacing
- Brush electroplating
- AC & DC motor redesign

Motor & Generator Testing
- Full load testing thru 1,500 HP
- Run testing to 13,800 VAC / 750 VDC
- Motor Circuit Evaluation (MCE)
- IEEE 1776-2008 Water Immersion
- Core Loss Test (Computerized)
- Vibration Analysis (Spectral)
- Thermography
- Heat run
- Polarization Index Test
- Locked rotor testing
- Resistivity, Hi-Pot (AC & DC), Megger®, Surge test

Motor & Generator Rewind Technologies
- “Global VPI” Stator Rewinds
  - PowerLok™ up to 7.2 kV with 1-year warranty
  - PowerSeal™ up to 7.2 kV with 5-year warranty
  - MegaSeal™ up to 15 kV with 5-year warranty
- “B-Stage” Resin-Rich Stator Coils
- IntegraCoil™ up to 15 kV with 1-year warranty
- HydroCoil™ up to 15 kV for hydro generators

Mechanical Repair
- Gear reducer rebuilding
- Dodge TXT Spare Exchange Program
- Dodge CST reducer repair
- Pumps—centrifugal/submersible/vacuum
- Gear motor, clutches, brakes
- Fans, blowers, heat exchangers
- Mechanical adjustable-speed drives
- Milling—Vertical and Horizontal
- Pressing—up to 300 tons
- Welding—MIG/TIG
- Parts manufacturing (shafts, bases, housings)

CNC Precision Machining
- Shafts up to 16” diameter and 60” long
- Milling up to 20” x 40” plate—Flats and Hex parts
- Hole drilling and tapping
- Keyway machining
- Digital Bore gauges
- 3D CAD/CAM

Specialty Motor Repair
- Custom designs
- Servo, Low-voltage DC
- Wound-rotor AC
- Above- and below-ground mining motors
- Mill duty
- Traction
- Variable-speed, High-efficiency AC
- Navy and Marine
- Hermetic, Submersible
- Wheel drive
- Motor/Generator sets
- Annealing furnace fan motors
- Synchronous

On-site Services
- Laser alignment
- Vibration analysis
- Thermography
- Cryogenic "dry ice" cleaning
- Motor Circuit Evaluation (MCE)
- Ultrasonic testing
- Oil analysis
- Hydro–electric generator maintenance
- AC & DC motor repair
- Mechanical repair
- Generator Repair
- On-site balancing and machining
- Stator and armature rewinding
- Commutator and slip ring service
- Emergency and outage support
- Installation and commissioning

Performance Improvement Services
- Maintenance assessments
- Condition monitoring
- Preventive, predictive maintenance programs
- Motor efficiency studies
- Contingency planning
- Reliability engineering
- Training programs
- CMMS setup
- Power services analysis
- Inventory management
- Project management
- Motor, pump, gearbox management

Indiana–PA Service Center
4470 Lucerne Road
P.O. Box 159
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724.479.9066
724.479.0531 (Main FAX)
724.479.3573 (New Motor FAX)
www.ips.us

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12/19
PRODUCT SALES

AC & DC Motors—NEMA and Above NEMA, Encoders, Parts

Authorized Siemens, GE and Reliance OEM Replacement Parts

AC & DC—Coils and Armatures
- AC stator coils (up to 15 kV)—IntegraCoil™ B-stage hard coils, VPI and sealed coil systems
- AC rotating fields—edge and wire wound
- DC armature coils—VPI, dip and bake and sealed coil systems
- DC field coils—Shunts, Series, Compound, Rotor Bars, I-Poles
- Specialty coils (brake, transformer, etc.)

Dodge TXT Advanced Exchange & Remanufacture Program
- 1-year warranty on Advanced Exchange or Remanufactured units
- Sizes 3 thru 15
- Rebuilt with genuine Dodge parts
- Rebuilt to original designed specifications

NORTH AMERICAN COVERAGE