

**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 reabbating
- Commutator resurfacing
- Brush electroplating
- AC & DC motor redesign

**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

**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

**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

**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



*Mining motor exchange and repair*



*AC motor repair up to 10,000 HP*



*Load testing to 1,500 HP and 13,800 VAC / 750 VDC*



*24-hour truck service*

**Indiana-PA Service Center**

4470 Lucerne Road  
P.O. Box 159  
Indiana, PA 15701

**800.537.0097**

724.479.9066

724.479.0531 (Main FAX)

724.479.3573 (New Motor FAX)

[www.ips.us](http://www.ips.us)

**FIELD SERVICES**

**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

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## 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



### UNITED STATES

Beaumont, TX	Greenville, SC
Birmingham, AL	Houston, TX
Chicago, IL	Indiana, PA
Cincinnati, OH	Lake Benton, MN
Cleveland, OH	Litchfield, MN
Corpus Christi, TX	Philadelphia, PA
Denver, CO	Portland, OR
Detroit, MI	Rock Hill, SC
Dothan, AL	Rock Springs, WY
Erie, PA	Shreveport, LA
Evansville, IN	Sulphur, LA
Folcroft, PA	Washington, PA

### CANADA

Regina, SK  
Saskatoon, SK  
Winnipeg, MB



NEMA and Above NEMA inventory



Spare stator coils up to 15 kV



Remanufactured field coils  
- edge and wire wound



CNC precision parts

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