NEG MICON 600, 700, 750, 900, 950, 1.5 and 1.65

Up-tower field services, in-shop repairs and distribution

WIND POWER FIELD SERVICE
Denver, CO  
800.448.0899
Indiana, PA  
800.537.0097
Lake Benton, MN  
507.368.4015
Portland, OR  
800.366.4951
Shreveport, LA  
800.366.6030
Sweetwater, TX  
325.933.4275
Winnipeg, MB  
204.237.6066

WIND POWER DISTRIBUTION
Dassel, MN  
320.204.0582

WIND POWER SERVICE CENTERS
Chicago, IL  
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Litchfield, MN  
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Portland, OR  
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Shreveport, LA  
800.366.6030
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204.237.6066

Our dedicated up-tower and in-shop technicians service NEG Micon turbines coast to coast.

IPS offers complete services on NEG Micon 600, 700, 750, 900, 950, 1.5 and 1.65 Series wind turbines. Our technicians have developed innovative skills and technologies to keep the work up-tower. We’re experienced at moving heavyweight couplings, end bells and slip rings, and doing machine work inside the NEG Micon nacelle.

We also provide comprehensive in-shop repair services and a generator unit exchange program to minimize downtime and crane costs. No matter which IPS regional service center works on your NEG Micon wind turbines, you can count on one standard of excellence for safety, quality and repairs—coast to coast.

UP-TOWER FIELD SERVICES
- Generator and gearbox repair
- Bearing changeouts and upgrades
- Slip ring changeouts, upgrades and turning
- Grounding system upgrades
- Housing and component rebuilds
- Battery pack upgrades
- Blade inspection via rope access
  - Laser alignment
  - Vibration and Modal analysis
  - Thermography
  - Bore Scoping
- Diagnostic Testing
  - Baker Surge Test
  - Motor Circuit Evaluation (MCE)
  - Doble® and Partial discharge
- Scheduled maintenance programs
- End-of-warranty inspections
- Generator unit exchange program
- Emergency repairs

IN-SHOP REPAIR SERVICES
- Authorized OEM repair
- Electrical repair
  - Generators—rewind, recondition, mechanical and machining
  - Pitch and yaw motors
  - Oil pump motors
  - Cooling fans
  - Hydraulic pump motors
  - Electronic board repair
- Mechanical repair
  - Generator and gearbox housings
  - Main turbine gearboxes and gears
  - Yaw gearboxes
  - Main shafts
  - High-speed shafts
  - Slip rings
  - Heat exchangers
- Random-wound coil manufacturing up to 2m
- Premium VPI systems up to 15 kV

www.ips.us/wind
NEG Micon 600, 700, 750, 900, 950, 1.5 and 1.65
Up-tower field services, in-shop repairs and distribution

**Products and parts sales**
- Generator and gearbox components
- Generator couplings
- Brushes and brush holders
- Grease and oil
- Encoders—hollow and solid shaft
- Shaft grounding rings
- Pitch control and custom slip rings
- Bearings—Steel, Insocoat and Ceramic
- Pitch control battery pack upgrades
- Auto-lube systems
- Replacement motors—pitch, yaw, cooling pump and all metric motors
- Electronic boards
- Stator coils up to 15 kV

**In-house CNC precision parts manufacturing**
- Shafts up to 22” and 80” long
- Milling up to 20” x 40” plate
- Drilling and tapping of holes
- Milling of flats and hex parts
- Machining keyways
- Cutting multiple parts and sizes up to 16” diameter
- Digital bore gauges
- CADCAM 3D drawings

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**ONE STANDARD FOR SAFETY, QUALITY AND REPAIRS–COAST TO COAST**

**IPS Integrated Power Services**
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