

**Additional single-source capabilities—available across North America**

**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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Indiana, PA  
800.537.0097

Litchfield, MN  
888.694.6200

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Shreveport, LA  
800.366.6030

Winnipeg, MB  
204.237.6066



*IPS offers a full range of predictive and preventive maintenance services, including wind generator bearing change outs and upgrades*

IPS has added to its single-source capabilities with new up-tower mechanical services and repairs, including OEM-spec oil changes with flushing and rinsing, for gearbox, yaw and pitch drives. Our technicians combine complete predictive and preventive services for all of your wind turbines' mechanical components. We can detect early-stage problems with gearboxes, shafts and bearings, hub slip ring tubes and yaw systems, providing proven, documented solutions to help prevent larger, more expensive problems.

IPS mechanical services are available in the United States and Canada on a 24/7 basis. Our technicians specialize in keeping the work up-tower, moving heavyweight couplings, end bells and slip rings, and doing machine work inside the nacelle.

Give your mechanical components the same level of expert service as your generators, motors, main breakers and electronic boards. For more on how these new up-tower services increase reliability while cutting crane costs and downtime, talk to your IPS regional sales representative.

**Fast mobilization and minimal  
downtime on the following:**

- Gearbox flush and oil change
- Up-tower bearing changes
- Up-tower journal machining
- Coupling replacement
- Power slip ring refurbishment & replacements
- Hub slip ring tube seal replacement
- Rotor & stator lead replacements
- Torque services
- Crane services
- 24/7 emergency repairs
- Bore scoping
- In-depth up-tower electrical testing
- Vibration and modal analysis
- Laser alignment
- Thermography



*IPS technicians provide complete inspections of mechanical components before warranties end, to minimize repair and replacement costs*



*IPS now offers OEM-spec oil changes, including flushing and rinsing*

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*We do as much as possible inside the nacelle, safely and efficiently, to minimize downtime and lost revenue*



*IPS technicians are trained and experienced in generator removal and replacement*



*IPS offers specialty up-tower services such as shaft repair, gearbox seal replacement and downwind low-speed bearing replacement*



*IPS technicians have spent years working up-tower, refining the technologies needed to handle and machine heavyweight components inside the nacelle*

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



- ★ Wind Power Service Centers
- Wind Power Field Service
- IPS Regional Service Centers



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

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