

REPLACEMENT GENERATORS: NEW, EXCHANGE, REMANUFACTURE AND STORAGE

Cut downtime, crane costs and capital investment

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
800.978.4559

Denver, CO
800.448.0899

Indiana, PA
800.537.0097

Litchfield, MN
888.694.6200

Portland, OR
800.366.4951

Shreveport, LA
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Winnipeg, MB
204.237.6066



A wide range of generators in storage, ready for immediate delivery. We also have ready-to-ship OEM parts and products.

IPS keeps a wide range of spare generators in stock for many of the most common wind turbines, to minimize your downtime and capital investment, while helping you maintain your run-time commitments. We also offer storage programs to manage generators for leading wind farms and OEMs across North America.

With regional service centers and strategically located warehouses throughout the United States and Canada, we can exchange and remanufacture failed units quickly and cost-effectively, doing as much repair, replacement and machine work up-tower and inside the nacelle as possible.

No matter which IPS regional service center repairs, replaces or stores your wind power assets, you can count on one standard of excellence for safety, quality and repairs—across North America.



We carry a wide range of OEM and remanufactured generators

EXCHANGE GENERATORS

We stock a variety of generators for a wide range of wind turbines including:

- Gamesa 2.0 - (ABB and Cantarey)
- GE 1.5 MW - (ABB and Hitachi)
- GE 1.6 MW, 1.7 MW, 1.85 MW - (Hitachi)
- NEG Micon 750, 900, 950 - (ELIN)
- Siemens 1.3 MW - (ELIN)
- Siemens 2.3 MW - (ABB)
- Vestas V-47 660 kW - (ABB, Leroy Somer, POTENCIA and Weier)
- Vestas V-80 1.8 MW - (ABB and Weier)
- Vestas V-82 1.65 MW - (ELIN)



One of the advantages of our North American footprint is rapid response times for service. We have fully equipped field service trucks located across North America for on-site pickup and delivery, working closely with site supervisors on scheduling times to meet the crane at the tower (saving downtime and extra handling of the generators).

UP-TOWER FIELD SERVICES, IN-SHOP REPAIRS AND DISTRIBUTION

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UP-TOWER FIELD SERVICES

- Generator and gearbox repair
- Bearing changeouts and upgrades
- Slip ring replacements, refurbishments and upgrades
- Grounding system upgrades
- Rotor lead changeouts
- Housing and component rebuilds
- Brush holder upgrades
- Pitch tube seal replacements
- Up-tower shaft repair
- General labor and maintenance
- Scheduled and emergency maintenance
- Predictive and preventive maintenance, including electric and mechanical diagnostics

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
 - Gearboxes and gears
 - Main and High-speed shafts
 - Slip rings
 - Heat exchangers
- Random-wound coil manufacturing up to 2m
- Premium VPI systems up to 15 kV

PRODUCTS AND PARTS SALES

- Generator and gearbox components
- Bearings—Steel, Insocoat and Ceramic
- Stator coils up to 15 kV
- Replacement motors—pitch, yaw, cooling pump and all metric motors
- Generator couplings
- Pitch control battery pack upgrades
- Encoders—hollow and solid shaft
- Power slip rings—new or rebuilt
- Pitch control and custom slip rings
- Shaft grounding rings
- Auto-lubrication systems
- Brake Pads
- Brushes and brush holders
- Shaft grounding rings

ONE STANDARD FOR SAFETY, QUALITY AND REPAIRS—ACROSS NORTH AMERICA



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



www.ips.us/wind