EXPERT WELDING FOR EVERY TURBINE, EVERY CHALLENGE.

Renewable Concepts

Trusted Welding And OEM-Specific Repairs That Keep Your Turbines Running At Peak Performance

From precision NDT inspections to complex structural repairs, Renewable Concepts delivers reliable, turbine-ready welding solutions across every major OEM—keeping your equipment safe, compliant, and built to perform.

When precision matters, industry leaders turn to Renewable Concepts. Our welding team partners closely with engineering and third party inspection Level III NDT specialists to deliver safe, compliant, high-performance repairs—every time. From inspections and reporting to procedure development and welder qualifications, we ensure your assets stay reliable, productive, and turbine-ready.

Every project includes a comprehensive field report, customizable to your requirements, documenting each critical phase of the repair including, but not limited to:

- Initial inspection with tower condition photos
- Damage identification with Dye Penetrant Testing
- Damage removal with verification testing
- Full weld process: root, fill, and final passes
- Final Dye Penetrant check
- Cleaned and painted finish

A BABCOCK POWER RENEWABLES COMPANY

1402 Main Street, Neodesha, KS 66757 | 620-636-6040 rcbpi.com

before & after

PITCH TEETH REBUILD

G87 FRAME REPAIR

YAW TEETH REBUILD

rcbpi.com | 620-636-6040

PLATFORM EXPERTISE

Our technicians bring deep, hands-on experience across all major turbine manufacturers. Below is a sample of our most in-demand welding and repair services:

Gamesa
- Bedframe Welding
- Flange Side Bedframe Repairs
- Tower Section Repairs
- Pendulum Tank Welding
- Ladder /Support Bracket Repairs
- Transformer Support Beam Repairs

G.E
- Bedframe Welding
- Yaw Teeth Welding
- Pitch Teeth Welding
- Tower support brackets Replace/manufacture/ Weld Boss bolts
- Tower Section Repair
- Base Flange Weld Seam Repair

Nordex AW 3000
- Oil cooler Retrofit Welding

Siemens
- Yaw teeth Welding
- Ballast Support Welding
- Oil Dampener Welding
- Door Frame Welding

Suzlon
- Pitch Teeth Welding
- Yaw Teeth Welding
- Rotor Lockout Ring Welding

Mitsubishi
- Gearbox Pillow Block Support Crack Repair Welding
- Deck Platform Repairs/ Retrofit Welding
- Yaw Teeth Welding 2.4
- Transformer Aluminum Plate Welding

Senvion
- Machine Frame Repair
- Yaw Brake Support Frame Crack Repair Welding

Vestas (Excluding V47)
- Yaw Teeth Welding
- Pitch Teeth Welding
- Bedframe Welding
- Tower Section Repairs
- Nose Cone Support Welding

Clipper
- Deck Support Welding/Retro
- Nacelle Job Crane Support Welding
- Yaw Teeth Welding
- Tower Section Crack Repair Welding
- Battery Box Stainless Cabinet Hub Welding
- Pitch Control Unit Welding Center Box Stainless

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GENERAL SERVICES

Maintenance
- Break-Ins
- Preventative/Annual
- Base bolt Tensioning
- Site Support/Backfill
- Troubleshooting
- Gearbox & Hydraulic Lubricant Exchanges
- Retrofit Campaigns

Inspections:
- End of Warranty
- Pre and post Repower
- QA/QC

LARGE CORRECTIVE
- Yaw Drive Replacement (without use of an external crane)
- Pitch Drive Replacement
- Pitch Ram Replacement
- Generator Replacement
- Single Blade Replacement
- Gearbox Replacement
- Main Bearing Replacement
- Pitch Bearing Replacement
- Rotor Replacement

COMPOSITES

Blade Repairs at Height:
- Lightning Damage
- Leading Edge Protection
- On Site Pre-Erection Repairs
- Blade Inspections
- Blade Balancing
- Nacelle Repairs
- Part Fabrication

FLUID CHANGE SERVICES
- Gearbox Oil Changes
- Yaw Drive Fluid Changes
- Pitch Drive Fluid Changes
- Anti-Freeze & Cooling System Changes

WELDING & MACHINING