



## Value Creation through Innovation

Biewu International, headquartered in USA is a Global after-market provider of Engineering, Innovation and Supply Chain solutions and services for Oil & Gas, Energy, Petrochemicals and Utilities. With dedicated operations in over 10 countries, we focus on niche technologies, aimed at ensuring In-Country Value Creation for our Global Customers.

Our Offerings for the Medium Voltage Variable Frequency Drives (VFDs) include,

- **IN-SHOP REPAIR SERVICES**

Our in-shop repair services keep your electric motors and generators running — with testing, repair and rewinds for small, large and extra-large AC & DC electric motors and generators. We also provide in-shop repair for mechanical power transmissions components such as gearboxes, pumps, blowers, shafts... and industrial electronics such as Servo Motors, Spindle Motors, VFD Drives, AC & DC Drives and Servo Drives.

- **FIELD SERVICES**

With dedicated field service teams offering local, regional and national service, EUS delivers more technical resources than other independent service providers, plus extensive industry-specific experience.

We provide complete field services for major electrical components:

- Predictive and preventive maintenance
- Dedicated & experienced field service specialists for 24 x 7 On-Site Services
- Troubleshooting using state-of-the-art diagnostic technologies
- Maintenance assessments with documented recommendations
- Engineering consulting & Root Cause Failure Analysis
- On- and off-line electrical tests
- Refurbishment of Power Cells
- Reforming / Placement of Capacitors



BIEWU Technical Team member performing preventive maintenance on one of nine power cells from a 1600HP 4160V series 4 Siemens Perfect Harmony Medium Voltage VFD

- **EQUIPMENT HEALTH MONITORING**

In addition to providing In-Shop Repairs and Field Services, we also focus on the Asset Lifetime Enhancement (ALE) by using continuous online monitoring of the electrical and mechanical health of the equipment to detect anomalies, provide early warnings and build predictive algorithms and Artificial Intelligence (AI) models. We also offer complete solutions for Machine Learning (ML) based on Industry 4.0 and IoT best practices.



- **CRITICAL SPARES SUPPLY AND FABRICATION**

Further to the monitoring, servicing and repairing the equipment, we also offer bespoke solutions and services related to the critical spares. Our services include,

- Specialized Procurement
- Localized Spares Inventory
- Part Design and Prototyping
- Reverse Engineering and Component Fabrication

- **PRESERVATION AND MOTHBALLING**

Our gamut of services also includes the complete services for preservation and mothballing of critical equipment while in long term storage; and providing effective techniques for maintaining the equipment while in use, ranging from,

- Scale removal
- Corrosion Prevention
- Corrosion Inhibition
- Corrosion Conversion

Since our inception in 2007, the BIEWU team of over 300+ skilled resources specialized several technology portfolios to engineer and deliver solutions to **“Protect People, Assets and Environment”** right at the customer’s site. Our success is based on our Concept – to – Completion approach for bridging the technology gaps spanning over 20 distinct product portfolios.

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