

Engineered Power. Built to Perform.

Low Voltage • Medium Voltage • E-Houses • Service & Control Solutions



Overview

Mission Critical Group (MCG) designs, engineers, manufactures, and services integrated power systems that deliver reliability, efficiency, and resilience. From data centers and healthcare to utilities, industrial, energy infrastructure, and oil & gas operations — MCG delivers intelligent, American-built power solutions that keep essential operations running and the future powered.

Solutions

Power Equipment

- **Low-Voltage Switchgear & Switchboards:** Custom UL 891 / UL 1558 assemblies up to 600V.
- **Medium-Voltage Switchgear (1200A–4000A):** Metal-clad and metal-enclosed up to 38kV, built to ANSI/IEEE with arc-resistant options.
- **Quick-Ship LV & MV Gear:** Fast deployment switchgear up to 38kV for critical timelines.
- **ATS & Generator Paralleling Systems:** UL1008 / UL 1558 automatic transfer and gen-parallel systems.
- **E-Houses & Integrated Skids:** Modular, factory-tested, transportable electrical houses with HVAC, power distribution, and controls.

Engineering & Integration

- FEED & detailed design engineering for switchgear, buildings, and controls
- Arc-resistant & seismic-rated assemblies
- Factory simulation and FAT testing of automation systems
- U.S.-based manufacturing and global logistics

Lifecycle Support

Every MCG system is supported from commissioning through long-term operation to ensure uptime, safety, and performance.

Industries Served:

- Data Centers
- Healthcare
- Utilities
- Oil & Gas
- Semiconductor & Industrial
- Energy & Infrastructure

Service Capabilities:

- 24/7 Field Service
- Maintenance Programs
- Relay & Breaker Testing
- Modernization & Retrofits
- Engineering & Design
- Protection & Control Systems

Powering What's Next

MCG delivers precision-engineered power systems from switchgear to fully integrated E-Houses — designed, built, and serviced in the USA by teams dedicated to performance, safety, and reliability.

Contact Us

Scan the QR code or visit us
at missioncriticalgroup.com

