

E-Houses & Modular Power Modules

Integrated. Factory-Built. Ready for Deployment.



Why MCG

- **Integrated Power Infrastructure:** Switchgear, controls, and distribution in one factory-built system.
- **Accelerated Time-to-Power:** Preassembled systems designed to reduce onsite construction time.
- **Factory-Tested Reliability:** FAT-tested infrastructure that improves quality control.
- **Scalable Modular Deployment:** Designed for phased expansion and scalable growth.
- **Utility & Industrial Ready:** Built for demanding operational environments.

Overview

Mission Critical Group (MCG) designs and manufactures prefabricated E-Houses and modular power modules that deliver integrated electrical infrastructure in factory-built enclosures. Engineered to accelerate deployment timelines and reduce onsite construction complexity, these scalable systems support utility, industrial, data center, and energy applications through preassembled and factory-tested integration.

Solutions

- **Custom E-House Design:** Climate-controlled electrical buildings engineered for integrated power infrastructure.
- **Integrated Modular Power Systems:** Factory-built systems combining switchgear, controls, protection, and distribution.
- **Low- and Medium-Voltage Integration:** UL 891, UL 1558, and MV systems supporting safe, redundant distribution.
- **Integrated Controls & Monitoring:** Factory-installed SCADA, automation, and monitoring systems.
- **Factory Acceptance Testing (FAT):** Pre-tested systems designed to reduce onsite commissioning risk.
- **Scalable Modular Configurations:** Flexible designs supporting phased growth and deployment scalability.

Powering What's Next

MCG E-Houses and modular power modules deliver factory-built electrical infrastructure that simplifies deployment, accelerates commissioning, and supports scalable power expansion across mission critical environments.



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