

# Pharmaceutical Power & Infrastructure

Reliable Power for Validated Environments.

## Overview

Mission Critical Group (MCG) delivers resilient power infrastructure for pharmaceutical manufacturing, cleanroom, laboratory, and regulated production environments where uptime and compliance are critical. Supporting regulated pharmaceutical and cleanroom environments with compliant power infrastructure and validation-aligned execution, MCG helps protect product integrity, validated processes, and operational continuity.

## Solutions

- **Switchgear Capacity:** UL-1558, UL-891, and medium voltage systems for safe, redundant pharmaceutical power distribution.
- **E-Houses & Power Modules:** Prefabricated, scalable electrical solutions for plant builds and expansions.
- **Backup Power & Generator Packaging:** Engineered backup systems protecting batch processes and critical utilities.
- **Cleanroom Electrical Design:** Power and monitoring systems built for controlled, contamination-sensitive environments.
- **Commissioning & Qualification Support:** Structured startup, testing, and documentation aligned with pharma requirements.
- **Electrical Maintenance Services:** Preventive and predictive services to reduce risk and maintain compliance.
- **Microgrids & Energy Optimization:** Resilient power strategies and renewable integration to improve efficiency.
- **Life Sciences Electrical Safety Evaluation:** Arc flash studies and compliance assessments for pharmaceutical facilities.



## Why MCG

- **Validation-Aligned Execution:** Engineered for regulated pharmaceutical environments.
- **Batch & Cleanroom Protection:** Designed to reduce process interruptions and instability.
- **Compliance-Focused Infrastructure:** Aligned with GMP-driven manufacturing requirements.
- **Protects Product Integrity:** Reliable power for continuous production operations.
- **Lifecycle Service Support:** Nationwide commissioning, maintenance, and modernization services.

## Powering What's Next

MCG delivers compliant power infrastructure that helps pharmaceutical facilities protect validated environments, maintain product integrity, and support continuous production.



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