



# Switchgear Services

M&I Electric Industries, Inc. designs and manufactures electrical switchgear and control products ranging from low voltage panelboards and motor controls to 38 kV switchgear. We design and execute our switchgear services just as carefully as we design and manufacture the equipment, itself.

We carefully design our switchgear service programs to address the contradiction inherent in maintaining any electrical power system - maximizing safety (protection) and continuity of service (reliability) at the lowest possible cost.

M&I's switchgear services are based on our extensive manufacturing and construction experience coupled with careful attention to current developments in the industry. With fifty years of experience, we have successfully met

service requests from all types of electrical industry professionals. Experience alone, however, is not enough. New developments in electrical distribution and control systems appear almost daily.

That is why M&I combines experience with innovation. We have pioneered in the development of microprocessor-based test equipment, such as a computerized time/travel recorder for recording the behavior of high speed substation class circuit breakers. Our technicians receive constant training to keep them abreast of the latest developments in solid-state protective relays and SCADA equipment.

For these reasons, M&I confidently offers the following Electrical Services by Design:

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- Protective Relay Test and Calibration
  - Switchgear Cleaning, Repair, and Troubleshooting
  - Meter and Transducer Testing and Calibration
  - Instrument Transformer Testing
  - Modifications, Upgrades, and Commissioning
  - Infrared Scans
  - Insulation Power Factor Testing (Doble)
  - Periodic Testing (Insulation Resistance, Hi-Pot, Thermal, Current Injection)
  - Ground Fault Testing and Earth Resistance Testing
  - Motor Starter Testing and Calibration
  - Electronic Metering and Control Systems



**Service Available 24 Hours per Day**

**Houston**  
**(713) 644-8182**

**Beaumont**  
**(409) 838-0441**

**Lake Charles**  
**(337) 528-9009**

**Singapore**  
**(65) 6741-9000**