

**ENGINEERING • PROJECT MANAGEMENT • TROUBLE SHOOTING • MAINTENANCE • REPAIR • INSTALLATIONS • SALES • RETROFIT • UPGRADES**

# Line to Load...

*your complete electrical power systems partner.*

**Years ago LONGO foresaw the need for a diagnostic and service group, in addition to our sales and repair capabilities.**

**LESCO** (Longo Engineering Services Company) was created and dedicated to our customers' needs in the service area of their power supply systems.

**LESCO**, staffed with degreed engineers, P.E.'s, and experienced field technicians, has the ability to handle a broad spectrum of equipment. Our scope of customer services range from immediate crisis management to long term planning including "peace of mind" predictive maintenance.

**LESCO** is equipped to diagnose, repair, replace or retrofit components to assure and improve the performance of your entire integrated power supply system.

**LESCO** is available to you 24/7 to resolve emergencies quickly and correctly, as well as being a resource for design, planning and upgrades of existing and future equipment needs.

## ELECTRICAL POWER SYSTEMS

- Switchgear and Substation Maintenance
- Circuit Breaker Testing
- Circuit Breaker Rebuilding
- Retrofits
- Relay Testing & Calibration
- Power Quality and Harmonic Surveys
- Power System Design and Installation
- Short Circuit and Coordination Studies
- Automatic Transfer Switches
- Transformers
- Transformer Oil Testing
- Oil Maintenance
- Retrofills
- PCB Disposal
- Dissolved Gas Analysis
- Total Combustible Gas
- Motor Controls & MCC's
- Sales of New & Custom Switchgear and Electrical Power Distribution Equipment
- Ground Fault Protection Systems
- Generator Load Bank Testing
- Lightning/Surge Protection Schemes
- Power Factor Correction
- Power Conditioning Equipment

## ELECTRONICS AND CONTROLS

- Motor Controls*
- Variable Frequency Drives
- Electronic Soft Starters
- Electro-Mechanical Reduced Voltage Starters
- DC Drives
- Vector Drives
- System Controls**
- Pump Control Systems
- Lift Stations, Duplex, Triplex
- Booster Pumps
- HVAC Systems
- Supply & Return Fan
- Speed Controls
- Cooling Tower Fans
- Electrical Power Systems
- Automatic Transfer Systems & Controls
- Generator Voltage Regulators

## ENGINEERING SERVICES

- Electrical Power Systems Design & Installation
- Preventive & Predictive Maintenance Programs
- Energy Conservation Retrofits
- Premium Efficient Motors
- Variable Frequency Drives and Controls for Improving System Efficiency
- Payback Analysis
- Consulting Services
- Motors and Controls
- Electrical Power

## PREDICTIVE / PREVENTIVE MAINTENANCE

- VIM®
- Vibration Analysis
- Infrared Thermography
- Permanently Installed Vibration Monitoring Equipment
- Lubrication Oil Analysis
- Fan Balancing
- Laser Alignment
- Electrical Power System Maintenance
- Circuit Breaker
- Transformers
- Relays







**ABLE SHOOTING • MAINTENANCE • REPAIR**

**LESCO...  
your  
engineered  
advantage**



**LONGO**

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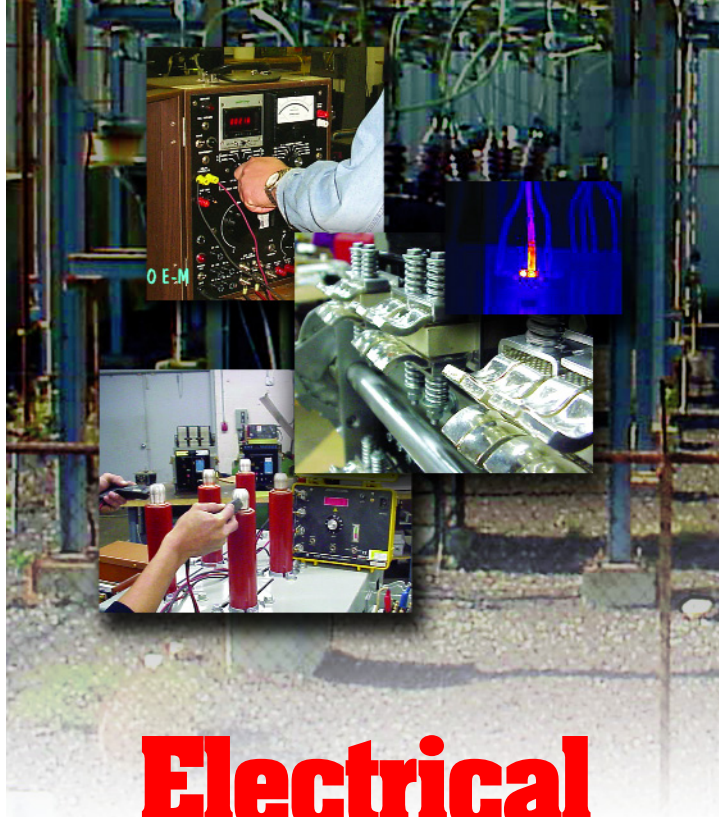
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# Electrical Apparatus

**ENGINEERING  
SERVICES  
FOR  
switchgear,  
transformers,  
circuit breakers,  
drives, relays,  
and controls**

**LONGO**

...SINCE 1945

PRESORTED  
STANDARD  
U.S. POSTAGE  
**PAID**  
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