

Varo offers a broad spectrum of Electrical engineering services to industrial, utility and commercial clients in the following areas:

ELECTRICAL POWER DESIGN AND ANALYSIS

- Load Analysis, Short Circuit Analysis, Fault Coordination & Voltage Regulation
- Arc Flash Studies
- Power Factor Improvement
- Grounding Design
- Energy Efficiency Studies
- Code Compliance

APPLICATION ENGINEERING

- Power Distribution – Medium & Low Voltage
- Emergency Generators & Uninterruptible Power Supplies
- Bus & Cable Systems
- Protective Relaying

CONTROLS ENGINEERING

- Development & Programming of PLC Logic & HMI Screens
- Development of DCS Logic & SAMA Diagrams
- Control Relay Logic Development
- System Improvement Analysis, Automation Studies & Technology Upgrades
- Application of Variable Speed AC & DC Drives
- Equipment Selection & Specification
- Motion Control
- Pneumatics & Hydraulics Controls Interface
- Functional Specification/Theory of Operation
- Process Instrumentation Selection & Configuration
- Control System & Control Panel Design
- Factory Acceptance Testing

