



ENGINEERING OVERVIEW

ENERGY MANAGEMENT / AUDITS

- | Power Factor Correction Analysis
- | Lighting Efficiency Analysis
- | Motor Efficiency Analysis
- | Operating Cost Assessment

3D COORDINATION / MODELING

- | Virtual Construction Design
- | 3D CAD & Visualization
- | Point Cloud Scanning
- | Building Information Modeling (BIM)

MEDIUM VOLTAGE

- | Medium Voltage Distribution System Design
- | Commissioning Support

ELECTRICAL SITE EVALUATIONS

- | Pre-Project Planning (Mini-Scoping)
- | Electrical Safety Review
- | Plant Documentation - Electrical & Control System
- | Maintenance Planning
- | Hazardous Area Classification Analysis

INDUSTRIAL POWER DISTRIBUTION

- | Low Voltage Distribution System Design
- | Grounding System Design
- | Lighting System Design
- | Generator/ Backup Power System Design

CONSULTING / VALUE DESIGN

- | Documentation & Specifications
- | Electrical Remediation Planning
- | Constructibility Analysis
- | Field Engineering

POWER STUDIES

- | Coordination Studies
- | Short Circuit Studies
- | Arc Flash Studies
- | Load Flow or Power Studies
- | Power Quality (Harmonic) Studies

