

Company Overview

ENGINEERING



POWER
QUALITY



MAINTENANCE
& TESTING



inoLECT

Engineering Your Peace of Mind

TRAINING



REMOTE
RACKING



Engineering Your Peace of Mind

inoLECT combines the power of a consulting engineering firm with hands-on field services, supporting utility and industrial companies in the form of power system design, analysis, implementation, maintenance, testing, commissioning, and emergency assistance.

Our team is proud to be one of the few organizations in the world to deliver the total package, starting with Field Data Collection, Modeling, Analysis, Labeling, Remediation Conceptual Design, Detailed Design, Implementation, and on-going Maintenance and Training.

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Manufactured Products

- Remote Racking
- Remote Push-Button Control
- High Resistance Ground Units
- Remote Switch Operation
- Startup, Commissioning & Product Training



Engineering

- One Line Diagram Updates/Development
- Electrical Infrastructure Conceptual Design
- Electrical Infrastructure Detailed Design
- Substation Packaging
- Electrical System Studies
- Arc Flash Remediation Conceptual Design
- Protective Device Configuration
- Electrical SCADA
- Relay and Meter Retrofits
- Audits
 - Protection System
 - Circuit Breaker Control
 - Relay Configuration
 - Maintenance Plan
 - Grounding Installation
- Event Analysis
- Reverse Engineering/Troubleshooting



Field Service, Maintenance & Testing

- Emergency Services
- On-call Management & Consulting
- Electrical Maintenance & Acceptance Testing Services
 - AC High Potential
 - Contact Resistance
 - CT Saturation, Polarity and Ratio
 - DC High Potential
 - Function Checks
 - Ground Resistivity via Stakeless Method
 - Infrared
 - Insulating liquid sampling & Engineering Analysis
 - Insulation Resistance
 - Polarization Index
 - Primary Injection
 - Relay Calibration and Testing
 - Transformer Turns Ratio
 - Visual Inspection
 - Winding Resistance
 - Equipment Repair (excluding transformers)
 - Training
- Low & Medium Voltage Breaker Shop Services
 - Trip Unit Retrofits
 - Troubleshooting and Repair
 - Reconditioning, Refurbishing and Remanufacturing
- Onsite Breaker Specific Training



Power Quality Solutions

- Power Quality Analysis
- RC Snubbers
- Power Capacitor Banks
- Harmonic Filter Banks
- Induction Motor Power Factor Capacitor Banks
- Motor Surge Protection
- Transient Voltage Surge Suppression
- Overhead Cap Banks
- Low Voltage Fixed-Fused Power Factor Capacitor Banks



**For more details on our Products and Services,
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