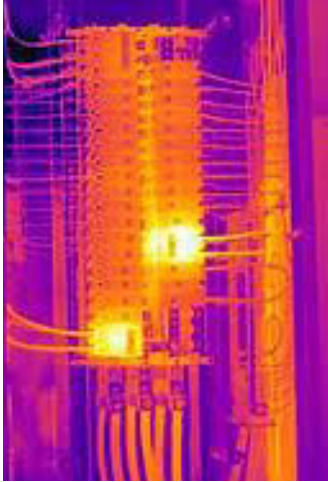


ENERGIZED PREDICTIVE & PREVENTATIVE MAINTENANCE



- Infrared Analysis
- Ultrasonic Analysis
- Voltage & Current Testing
- Harmonic Testing
- Partial Discharge Testing
- Demand and Power Quality Power Meters Installed Weekly or Monthly with Comprehensive Report
- Transformer Oil Analysis
- Phase Balance and Ground Current Testing
- Power Quality Analysis
- Infrared Thermography

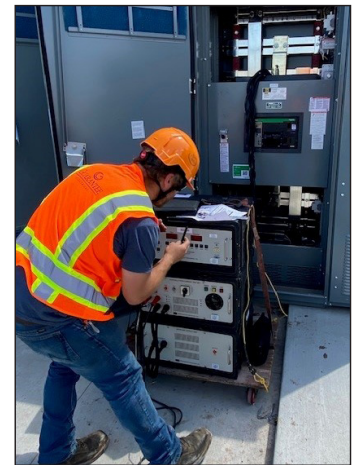


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DE-ENERGIZED TESTING & MAINTENANCE

- Insulation Resistance
- Impedance Testing
- Contact Resistance
- Transformer Turns Ratio Testing
- Cleaning - Adjusting and Lubrication
- Switchgear and Panelboards
- Group Fault System Testing
- Liquid and Dry-Type Transformers Testing
- Protective Relays and Metering Devices
- Automatic Transfer Switches
- ATS Replacements and Start up
- Medium and Low Voltage Circuit Breakers
- Repairs and Upgrades
- MCC Repairs-Replacement Upgrades, Refurbished Buckets, Testing
- Switchgear Repairs-Replacement Upgrades, Refurbished and Obsolete Breakers and Testing
- Maintenance and Comprehensive Software Program Online

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Limit Liability & Minimize Risk

OSHA's General Duty Clause: Section 5(a) (1) of the Occupational Safety and Health Act requires an employer to furnish to its employees: employment and a place of employment which are free from recognized hazards that are causing or are likely to cause death or serious harm to its employees.

NFPA 70E COMPLIANCE/ARC FLASH ANALYSIS

- Coordination Studies and Power Engineering
- Arc Flash Studies, Arc Flash Training and Arc Flash Mitigation
- Calculated Labels Applied PPE Recommendations
- Updated Single Line Drawings
- NFPA 70E Safety Training
- In house Engineering allows for easy future updates
- Develop Methods of Procedures (MOP)
- Studies Review and Application
- Drawing Review and Confirmation
- Factory Witness Testing (FWT)
- Demand and Power Quality Comprehensive Reporting
- Consulting on Power Shutdowns and Building Outages
- Unplanned Outages
- Fault and Arc Flash Repair
- Troubleshooting and Repairs
- Nuisance Trips
- Root Cause Analysis (RCA) Investigations
- Remediation Recommendations of/for Electrical Equipment

Host employers are required to notify workers of potential risk per OSHA general duty clause.

- Receive updated one line drawings
- Receive an up to date coordination study of how your overcurrent protection devices interact within your electrical distribution system

An arc flash analysis is an engineering study that calculates the potential incident energy of an arc should it occur. The higher the incident energy potential, the greater the danger. The calculation determines what level of PPE should be worn according to the study's findings.



NFPA 70E | NFPA 70B

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