

FIELD SERVICES · 02

Engineering & Arc Flash Studies

Power-system engineering studies and arc flash hazard analysis — short-circuit, coordination, load flow, PPE labeling, and staff training performed to NFPA 70E and IEEE 1584. This capabilities sheet outlines the full scope our engineering team delivers for industrial and commercial facilities.

STANDARDS

NFPA 70E · IEEE 1584 · ANSI C37 · NETA ATS/MTS

Studies & Analysis

- Arc Flash Risk Assessments (IEEE 1584 / NFPA 70E)
- Short-Circuit Analysis
- Coordination Studies
- Load Flow Analysis
- Power Quality & Harmonic Studies
- Demand & Capacity Planning

Safety & Compliance

- PPE Recommendations & Safety Labeling
- Arc Flash Label Packages
- NFPA 70E Staff Training Programs
- Lockout/Tagout (LOTO) Procedure Development

Protection Engineering

- Protective Relay Testing & Settings
- Zone-Selective Interlocking (ZSI)
- Ground Fault Protection Studies

Documentation

- PE-Stamped Shop Drawings
- NETA Acceptance Test Reports
- AHJ Submittal Packages
- One-Line Diagram Updates & As-Builts

Ready to scope your study?

Send us your single-line, equipment list, and timeline — our engineering team responds within 24 hours.

Request a quote: akjelectric.com/quote **Call:** (865) 217-6718