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SHORT CIRCUIT & COORDINATION
ARC FLASH ANALYSIS
WHEN TO EVALUATE



ARC FLASH STUDIES

**IMPLEMENT
RISK
MITIGATION**

GET IN TOUCH

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SYSTEM CONDITIONS CHANGE. RISK FOLLOWS.

Arc Flash Studies That Protect Crews and Governance Posture

Arc flash exposure does not remain static. Your system evolves. Fault current shifts. Relay settings change. DER penetration grows. Five years of incremental change can quietly invalidate yesterday's study. Most cooperatives update arc flash during construction. Fewer confirm that the study still reflects their actual system.

Arc flash is not a compliance exercise. It is a system condition. We treat it that way. We evaluate your electrical system as it exists today, not as it was modeled years ago. The result is defensible safety posture, reduced liability exposure, stabilized insurance conversations, and board-ready risk clarity.

Short Circuit & Coordination

- System-wide fault current modeling
- Protective device coordination analysis
- Clearing time optimization
- Relay setting validation
- Breaker interrupting rating verification
- Selectivity and reliability alignment

Arc Flash Analysis

- IEEE 1584-compliant incident energy calculations
- Arc flash boundary determination
- Equipment-level labeling updates
- PPE exposure alignment
- Working distance validation
- Actionable mitigation recommendations

When to Reevaluate

- Five years since last study
- Substation expansion or rebuild
- Relay or breaker upgrades
- Significant DER growth
- Feeder reconfiguration
- Incident or near miss
- Insurance or governance inquiry



**MAKE ARC FLASH PART OF YOUR RISK DISCIPLINE,
NOT YOUR INCIDENT RESPONSE.**

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