



ARC FLASH ENGINEERING SOLUTIONS

Arc Flash hazards threaten your most valuable assets - Your Personnel & Equipment.

Companies across the globe face these hazards everyday, and risk extensive downtime, fines, equipment damage, personnel injury and even death. But there is a solution.

We are committed to helping you protect what's valuable.

inoLECT offers the total package in Arc Flash Solutions - from Analysis to Implementation, we'll assess every area, diagnose problems and provide you with a quick and efficient options, customized to your facility and power system.



**SAFE &
RELIABLE
SYSTEM**

What is the Ideal System?

- Safety is Key. All employees are trained.
- The System is Reliable, no unscheduled incidents or trips occur.
- Production is up, Downtime is down.

ARC FLASH SOLUTION MODEL



A Safe, Reliable System is possible. We can help you get there.

inoLECT has designed a complete ARC FLASH SOLUTION PROGRAM which combines customized studies and assessments with innovative technologies that will insure a safe and reliable system.

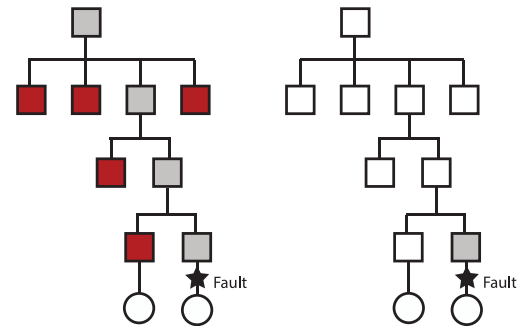
Our experienced engineers will take you, step-by-step, through the program and customize solutions to fit your needs.

STEP 1

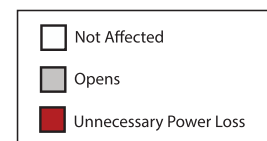


ANALYSIS

- The **Arc Flash Study** will identify dangerous locations throughout the system, taking into consideration Time, Energy & Distance.
- A **Protective Device Coordination Study** will properly sequence tripping. The ideal system minimizes overtripping & maximizes equipment uptime (see image right).
- The **Arc Flash Assessment** documents all risks present to personnel and will change depending on the Coordination Study.
- We develop proper **Arc Flash Labels** to protect your personnel.
- All studies comply with the latest IEEE, OSHA & NFPA standards.
- **The Software Model** is created to simulate electrical events in the system.



Overcurrent Devices



STEP 2



REMEDIATION

We understand that downtime = money lost. However, a large number of facilities have areas that can't be worked on while energized. The Remediation part of the program includes developing options to correct deficiencies, while assessing the risks to equipment and personnel, all with productivity in mind.

- **Develop a plan to correct electrical deficiencies throughout the system**
- **Investigate potential solution options, based on site-specific studies**
- **Provide estimated budget for solution options. Allows you to compare advantages, disadvantages & cost.**



Remote Racking?
Zone Selective Interlocking?
Bus Differential?

Our experts will work with you to determine the best plan of action to meet your intended goals, with short and long term options.

STEP 3



IMPLEMENTATION

Now that we've identified the problems and chosen the best solutions for your facility, let's get everything put in place - on a timely schedule that won't cost you downtime or break your budget.

Safety + Reliability = Peace of Mind



- **Correct all existing electrical deficiencies**
- **Provide all documented work & information to the customer**
- **Ensure an electrically-safe workplace for your employees and peace of mind for your facility's future.**

SYSTEM MODEL MAINTENANCE PLAN

Keep your power system model up to date with a model maintenance plan contract, and you'll always have the latest model information available at your fingertips.

Maintenance Plans include:

- Annual Training Refresher
- Annual field verification of your system model
- Continuous online access to the latest version of your model
- 1 newly revised Power System Study Report per year

*A Safe, Reliable System is possible.
We can help you get there.*



Visit inoLECT.com for more details on Arc Flash Solutions.

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