

THERMAL IMAGING:

Protect Your Business & Your Investment

What would happen if your electrical system failed or power went out for some reason? It would be extremely expensive! We know, we see it every day. We service over 50+ emergent situations every day. Most of them could have been prevented. Our new service, Thermal Imaging, can minimize the disruption and frequency with which you call an electrician.

WHY USE THERMAL IMAGING?

Business Interruption Cost

- The average hourly business interruption cost is \$.07/square foot per year (source IEEE)
- One-fifth of electrical failures (circuit breakers, transformers, switches, generators, disconnects, switchgear, motors, etc.) could be prevented with a preventive maintenance program (source IEEE).

Life/Safety Risks

- Electrical distribution system malfunctions are the leading cause of office structure fires in the U.S. (BOMA)

Energy/Utility Savings

- “Improperly torqued connections (over and under) and bad contacts cause increased amperage draw and/or power loss as well as heating and arcing.” (source: National Energy Management Institute). Over tightening can lead to increased amperage draw and heating which leads to more energy consumption and premature electrical system failure.

Insurance savings/certification requirements

- Many insurance companies offer substantial discounts for preventive electrical testing. They recognize the risk and damage exposure from electrical distribution system failure. It is the most frequent type of breakdown for all building equipment.

Asset Replacement and Management

- Electrical systems represent, on average, 14% of a facility construction cost. If properly maintained the system should last 30 years or more. Proactive maintenance extends the useful life of the system and prevents costly capital expenditures.

WHAT THE EXPERTS SAY:

BOMA states “preventative maintenance can have a direct impact on a property’s net operating income (NOI) by helping owners and managers control operating cost.”

The National Fire Protection Association states “a well administered electrical preventive program will reduce accidents, save lives, minimize costly breakdowns and unplanned shutdowns of equipment (source NFPA 70 B).”

Thermal imaging is the only diagnostic technology that lets you instantly visualize and verify thermal performance. Nearly everything that uses or transmits power gets hot before it fails. No one would argue that this service is the most effective and proven maintenance technology available to quickly, accurately and inexpensively locate problems prior to failure.



LINC LIGHTING & ELECTRICAL'S THERMAL IMAGING SERVICE:

- Our professional service and written report will provide the following:
- A detailed site map with locations of the electrical equipment tested throughout the property(ies)
- Small repairs will be made to tighten screws or connections as part of the service and retested. A detailed report and diagnostic on the condition of each piece of equipment with noted items or corrections required, if any.

A **Linc Group** Company

