Thermographic Inspections

Contributed by: Signature Electric
“An ounce of prevention is worth a pound of cure”

- Benjamin Franklin
Property managers and boards of directors always look to predict problems and avoid costly repairs and service interruptions.

Simplest and most cost-effective solution is to perform regular thermographic inspections.

Proven to be most effective, predictive maintenance (PM) technology available that quickly, accurately and safely locates problems prior to failure without interrupting power.

Finding and fixing a poor electrical connection before it fails saves you from much greater costs (power outages).
**ELECTRICAL INFRARED THERMOGRAPHY**

**Thermographic camera** (or infrared camera) detects infrared light (or heat) invisible to the human eye.

**View** heat build-up of any electrical element under stress while it is still functional and appears normal.

**Pictures** are taken, analyzed and put into an easy-to-follow report so clients can rectify before a breakdown occurs.

**Unexpected** breakdowns in electrical supply can be inconvenient and costly.
Inspections are relatively inexpensive and can be performed without any interruption to service. The cost is dependent on the number of items that need to be scanned.
Occasionally, corporations decide not to proceed with a thermographic inspection.

Equivalent of deciding not to pay for your fire insurance this year because you have never had a fire in the building.

Schedule these scans regularly and plan to keep it that way.
Recommended every 18 months, the reason for not scheduling this at the same time annually depends on nature of the test.

Equipment needs to be running and under stress to have a visible heat signature. If we always did the scan in the winter we would catch the boilers and heating equipment and miss a critical piece of equipment.

Lower costs are a benefit to getting a thermal scan. It stretches out the modest cost over a longer period.
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