

# Thermal Imaging for Electrical Applications

## PREDICTIVE MAINTENANCE (PdM) ALLOWS:

More productive use of maintenance crews and production equipment by scheduling repairs instead of fighting emergency breakdown repairs.

## THERMAL IMAGING SAVES

Saves your electrician time by quickly finding and prioritizing the most critical concerns.

## LOWERED INSURANCE PREMIUMS

Some insurance companies recognize the safety benefits to personnel and facilities by requiring Infrared Inspections. Many insurance companies offer lower premiums when Infrared Scanning is conducted.

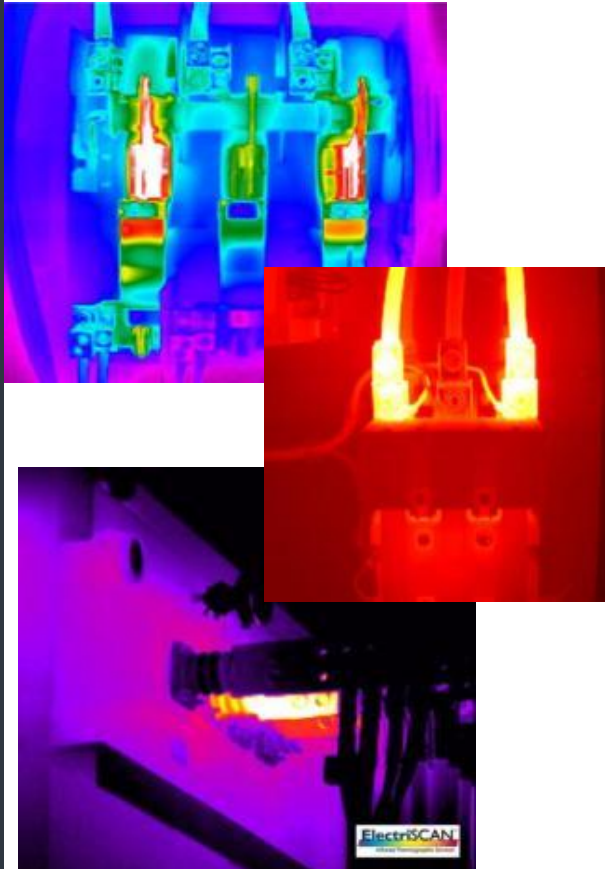
For more information on any of our services please visit us at:

[www.PinnacleInfrared.com](http://www.PinnacleInfrared.com)

Or call:

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Infrared thermography is used to perform PM/PdM inspections on electrical equipment because excess resistance on electrical apparatus indicates electrical faults such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses and a wide range of other unwanted electrical conditions. Before an electrical component burns up, it heats up. Pinnacle Infrared has certified technicians and the latest thermal imaging equipment that can identify these problems before they cause devastation to your equipment, personnel, or your bottom line.

## What Electrical Distribution Equipment Should Be Checked?

- ✓ **Utility substations, transformers and feed poles**
- ✓ **Main incoming services, plant main knives, capacitor banks**
- ✓ **Main distribution panels and main disconnects**
- ✓ **Uninterruptible power supplies**
- ✓ **Generator controls and transfer switches**
- ✓ **Main I-Line panels**
- ✓ **Lighting and receptacle panels**
- ✓ **Disconnects and combination starters**
- ✓ **Service disconnects for motors**
- ✓ **Machine control panels**
- ✓ **Server Rooms and Data Centers!**

Almost all electrical equipment dies a death of HEAT! Infrared Thermography coupled with outstanding expertise allows electrical professionals to make the best decisions regarding timing and the priority of repairs and maintenance.

## Pinnacle Infrared, LLC



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