



Three options to get you started:

Basic **Infra Red Scan of Electrical Components**

- IR Scan of all panels, disconnect switches, transformers and other electrical gear under normal energized load by a licensed electrician and certified thermographer.
- All covers are removed and replaced by licensed electrician utilizing proper personal protective equipment (PPE) per NFPA 70E.
- An analysis report of all scanned equipment with thermo graphic images is provided identifying areas of existing and potential deficiencies.
- A recommendation for corrective measure is provided along with a proposal for work to be done as well as a preventive maintenance program is included.
- Simple system corrections can be completed during assessment and included as a part of the report

Premium **IR Scan plus Equipment Data Profile of all Electrical Components**

- IR Scan and report as described in basic product.
- A complete detailed catalogue of nameplate data for equipment.
- Profile of equipment with meter readings of voltage, current, harmonics and power factors for each component.
- All information is stored on our secure network and accessible through an online secured (password protected) customer portal (SharePoint Server).

Prime **IR Scan, Equipment Profile and One-Line Drawings**

- IR scan and report as described in basic product.
- A complete detailed catalogue of nameplate data for equipment.
- Profile of equipment data as described in premium product.
- An updated or creation of a one-line drawing of the electrical distribution system.

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Reasons why you should consider some level of electrical preventive maintenance:

- Helps to prevent unscheduled shutdowns during prime working hours
- Provides improvements in operating efficiency
- Reduces energy consumption and saves money
- Reduces risk of incidents and insurance premium costs
- Maximizes equipment performance and overall life expectancy
- Allows repairs to be made at convenient, scheduled and cost effective time
- Provides confidence in facility with occupants
- Helps to ensure conformity to codes and eliminate costly fines

Benefits of Infrared Thermography

- Non-contact temperature measurement inspection technique
- Requires no shutdown or interruption of power
- Safe monitoring distance
- Detects potential as well as existing deficiencies
- Identifies problems caused by overloaded current or component malfunctions
- Locates hot spots caused by loose, oxidized or corroded connections

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