

INFRARED INSPECTION SERVICES



OVERHEATED ELECTRICAL EQUIPMENT IS OFTEN ONE OF THE FIRST SIGNS OF AN IMPENDING OUTAGE



To prevent these undesirable outcomes, the team at Davey offers infrared inspection services that can detect, measure and monitor the heat emitting from utility equipment. Heat sensed by infrared technology can be precisely measured and quantified, helping to identify equipment that has

potential to fail, allowing utilities to prioritize maintenance work on assets. Frequent, scheduled thermal infrared inspections are a safe and cost-effective way for utilities to gauge the operating condition of their assets.

DRG uses an advanced thermal imaging infrared camera (FLIR T-640) to provide reliable inspections on all areas of the distribution system, including overhead circuits, underground transformers, and substations. Our certified thermography professionals perform a holistic scan of various equipment across the utility's system.

The non-destructive thermal imaging approach of infrared technology has been proven world wide and used for many decades. Staying proactive and being one step ahead of a failed device provides a safe environment for our clients and their customers.

DAVEY 
Resource Group



Microsoft Excel or Access files and any type of GIS file that is compatible with the Utilities system. This live report includes all the information below at each location with a hot spot:

- | | |
|---|---|
| ✓ DATE AND TIME OF THE INSPECTION | ✓ DESCRIPTION OF THERMAL ANOMALY DETECTED |
| ✓ COMPANY SERVICE CENTER, SUBSTATION NAME, CIRCUIT NUMBER | ✓ TEMPERATURE DIFFERENCE BETWEEN ANOMALY AREA AND AMBIENT AREA |
| ✓ EQUIPMENT TYPE THERMAL ANOMALY ORIGINATES FROM | ✓ ANY PERTINENT IMAGES ASSOCIATED WITH THE IR INSPECTION |
| ✓ NEAREST COMPANY POLE NUMBER | ✓ IR PHOTO, TRUCK ACCESS PHOTO, AND NORMAL .JPG PHOTO OF POLE TOP WILL BE TAKEN |
| ✓ NEAREST ADDRESS | |

“From start to finish, DRG’s Reliability Solution Strategy helps reduce the number of inevitable outages and positively impacts overall reliability.”