

# Cost-justify this.



**Fact: Infrared cameras improve reliability, prevent outages, save time and money**



## Verify contractor repairs and improve worker safety

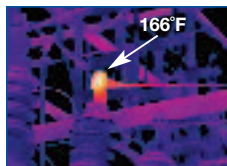


Bad bus-breaker connection

A major US manufacturer suffered an electrical fire in the main switchgear of one of its plants

causing over \$100,000 in damage and losses. After the switchgear was repaired by outside contractors, members of the company's Energy Management Team returned to evaluate it with an infrared camera. The infrared inspection revealed improper installation in the exact area that caused the original fire. The contractor was notified just in time, saving the company another \$100,000 and averting any potential new fires.

## Locate poor electrical connections

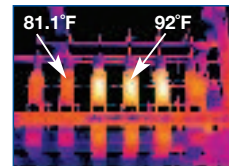


Overheating bushing connection

A large paper manufacturer used infrared scanning to check the incoming power at the substation located on plant

property. The maintenance crew discovered a fault at the transformer feed not visible to the naked eye. With an actual power loss, the estimated production losses would have cost between \$200,000 and \$300,000.

## Inspect outdoor electrical systems



Overheating capacitors

At a large public electric utility, a routine thermographic survey indicated one of the output filter capacitors of a

station battery charger was considerably hotter than the others. As a result, the capacitor in question was tested and found to have failed. Replacement of the failing capacitor avoided an outage, which would have cost an estimated \$500,000.

## Affordable Enough to Equip Your Entire Crew!

Pinpoint hotspots, measure temperature and improve reliability by scanning your electrical systems under load. No one else knows your systems better than you and no other technology helps you find electrical faults faster or easier than infrared. Extremely easy-to-use, it's no wonder these cameras can pay for themselves with just a few uses.

**Call for special offers on demo units, rentals and superfast delivery!**  
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