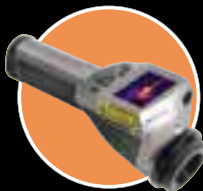


Infrared for your Infrastructure



ThermaCAM® P60



ThermaCAM® E4



ThermoVision® A20

When any portion of Canada's electrical capacity becomes unavailable, the heartbeat of a local or Provincial economy stops. For our electrical utilities, failure is not an option.

Infrared thermography provides the condition monitoring infrastructure that keeps the electrical power infrastructure up and running. That's why infrared thermography has become the core of utility predictive maintenance programs.

IR thermography finds problems before they shut you down.

Put the power of infrared to work scanning your substations, transmission, and distribution systems BEFORE failures occur. FLIR can equip your organization with our field-proven infrared cameras, time-saving reporting software, and the world's leading training programs.

FLIR's family of award-winning ThermaCAM® handheld and ThermoVision® fixed/mobile-mounted infrared cameras are more powerful and easier to use than ever before. Advances in design and manufacturing make these new infrared cameras so affordable that you can supply more units to more crews and, for the first time, deploy on fixed T&D assets.

"Infrared technology is by far the most revealing technology we have out there. Out of all of them, including vibration and ultrasonics and sound level...infrared finds probably 60 percent or better of your anomalies."

JOHN GIESECKE, ELECTRIC POWER RESEARCH INSTITUTE (EPRI)

If the inspector can't get to the field, bring the field to the inspector.

An IR camera can detect incipient failures before they cascade into a catastrophe like the U.S. "Northeast Blackout of 2003." The problem is that trained thermographers can't be everywhere all the time in a grid that may span several provinces and thousands of square kilometers.

Imagine seeing a hot disconnect in a critical, remote substation right on your PC screen. The A20 delivers real-time thermal images of vital system components via FireWire or Ethernet. Because it's a smart system, the A20 can send an e-mail or a pager message when it sees system components that are in danger of overheating. It can even control on-site equipment — activating a siren, closing a gate, opening a disconnect, or triggering any action you define. No ancillary computers are needed. The intelligence is all inside.

Put FLIR to work for you.

With over 30 years of experience and more than 30,000 of its IR cameras in use, FLIR Systems is the undisputed global leader in infrared cameras and the only ISO 9001, ASNT, and NETA certified IR training organization in the world. As a utility, your performance is judged by uptime. Isn't it time you upgraded your condition monitoring infrastructure? Before things heat up, call us.

FLIR SYSTEMS™

1 800 613 0507 x 30
www.flirthermography.com



Thermal anomalies are revealed by IR images (left to right) of a disconnect, a failed lightning arrester, and a damaged transformer (center photo: R. Strmiska, Sumter Electric Cooperative)