

INFRARED PREDICTIVE MAINTENANCE PROGRAM

Why you should invest!



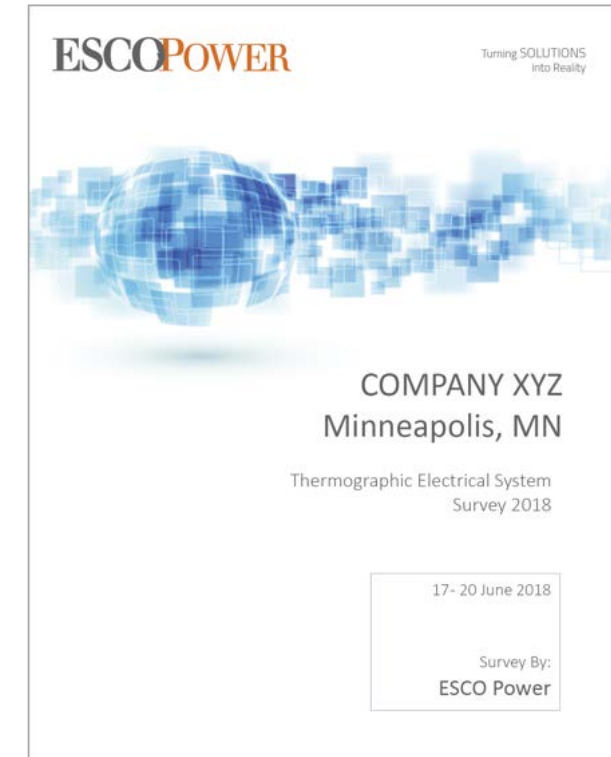
ESCOGROUP

Automation, Electrical Construction, Engineering, and Power

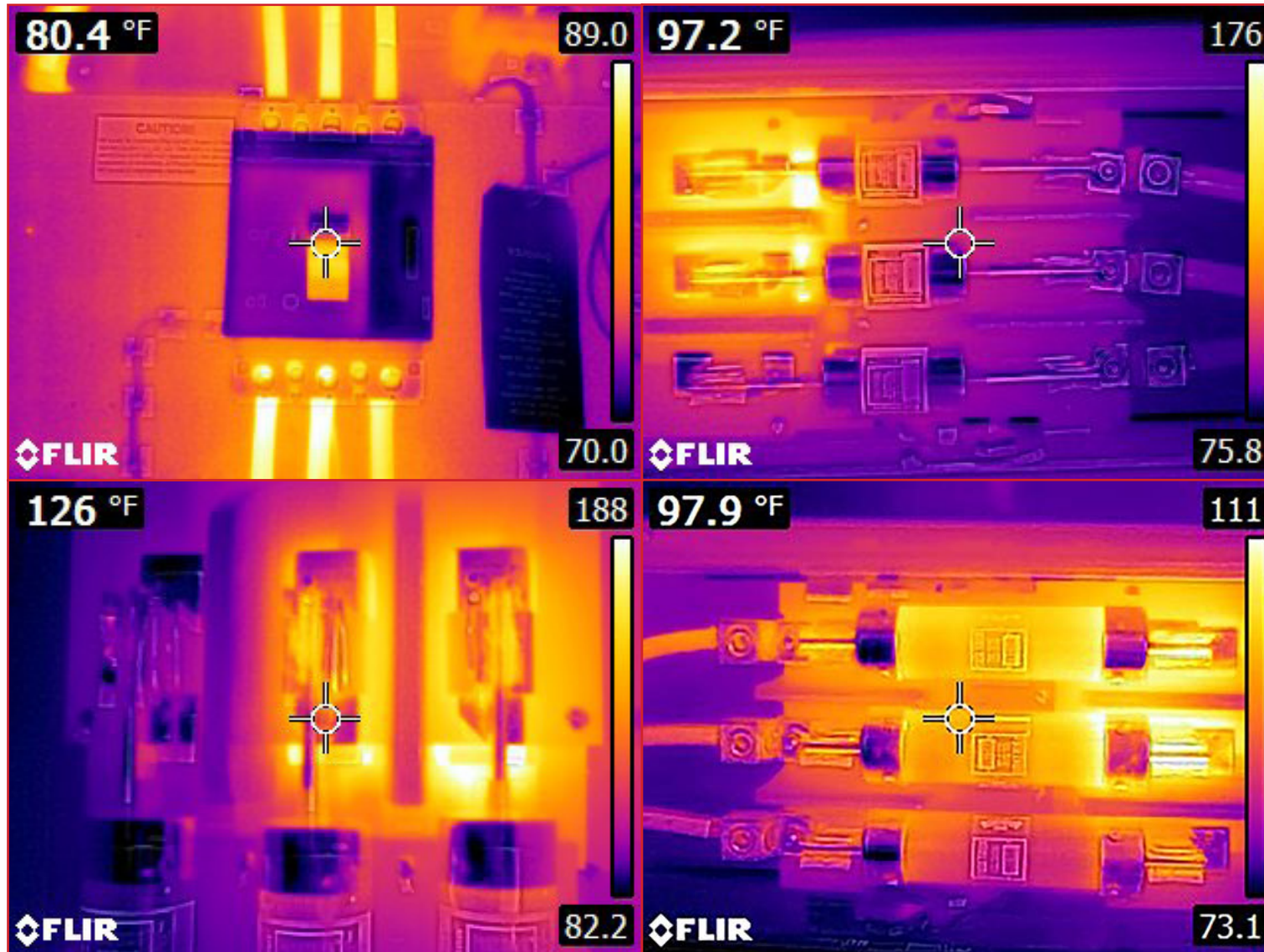
There are many important steps in a complete IR program.

ESCO'S IR PROGRAM STEPS

1. Create your program
2. Create routes
3. Schedule routes
4. Thermography — capture images
5. Analyze/read images
6. Create a report
7. Plan repairs/order necessary parts
8. Schedule repairs
9. Perform repairs
10. Follow up scan to verify repair corrected the issue



Let ESCO assist you in deciding which steps are a good fit for your facility. Once we identify the appropriate steps we can create your custom SOP's.



INFRARED THERMOGRAPHY is equipment that detects infrared energy emitted from an object, then converts it to temperature, and displays image of temperature distribution. It can show malfunctions in equipment and necessary maintenance to help prevent destructive events in the plant. It is a powerful tool that is used in electrical predictive maintenance programs, saving plants money, downtime, and even employee lives.

On average companies lose \$1M in revenue every year due to downtime that could have been prevented through a predictive maintenance program including infrared thermography. This testing can pinpoint issues and failures before they become a major problem and cost money and production time.

\$1M
lost in revenue
each year

NFPA 70B, Section 12 requires an inspection either by plant operators or as part of a scheduled inspection to detect deficiencies such as loose connections, overheating, etc. With scheduled maintenance testing with infrared thermography, keeping compliant is easy and offers a great value to the plant.

NFPA
industry compliance

CALL MIKE SAMPSON FOR MORE INFORMATION
REGARDING NFPA COMPLIANCE.
(319) 213-4838

OUR SUBJECT MATTER EXPERT



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Mike Sampson
Manager, Field Technician

Mike has been with ESCO since 2007, starting out as a Journeyman and quickly moving up to Maintenance General Foreman, and now Manager, Field Technician. Mike has his applied association of science degree and joined the IBEW in 2002, giving him over 16 years of electrical maintenance and instrumentation experience.

In addition to keeping his electrical license current, Mike also is a certified thermographer and has extensive arc flash data collection experience. He has his 30-hour OSHA certificate and is up to date with his CPR/First Aid training. He has been trained in NFPA 70 compliance, scaffold use, and confined spaces.

With this training and experience, Mike is capable of diagnosing problems in your plant and then fix them for you. Call him for more information!



Turning SOLUTIONS into Reality™

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