



Partnering with



## PROPERTY LOSS PREVENTION PROGRAM

A Property Loss Prevention (PLP) program can greatly reduce the risk and potential of catastrophic losses.

Each year property claims for losses, in plants across the US, exceed 2 billion dollars. Over 70% of these claims result from electrical failures. A PLP program can greatly reduce risk and many of these catastrophic losses.

Industry data shows that one in five transformer failures results in a fire. Substation transformer failures are expected to increase 500 percent within the next 15 years<sup>1</sup>.

In addition to mitigating risk of catastrophic losses, a PLP will increase employee safety, reduce plant downtime and replacement cost.

Infrared Inspection as part of a PLP program is one of the most cost effective, preventative measures you can take to avoid primary electrical catastrophes.

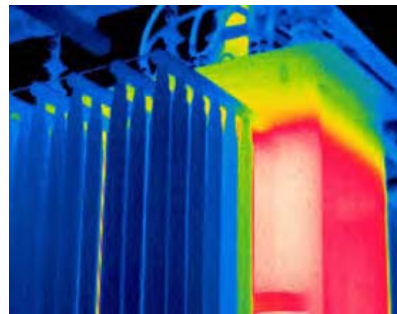
The cost of a PLP program is usually minimal compared to the costs associated with catastrophic losses including emergency repair service, plant downtime, personnel injury and possible death.

Besides reducing the risk of catastrophic loss, the PLP program will extend the life of equipment and reduce operating costs. **Please note** that poor connections can cause premature deterioration in the useful life of electrical equipment, plus significant **excessive** electrical energy costs will occur, due to the increased resistance of the faulty connection or component.

Don't Let This Thermal Condition



Turn into This Loss Condition



2000 kVA Transformer-Low Oil in Transformer-Reduce Transformer's capacity by square inch of cooling capacity -- Est @ 65%

<sup>1</sup> "Facilities Instructions, Standards, and Techniques Volume 3-32, Transformer Fire Protection," US Department of the Interior, 2005 2 LAFD Weekly Bulletin March 27, 2002 3 "A Transforming Disaster," Fire Chief Magazine Online, 2001 4 "An Analysis of Transformer Failures," The Locomotive, William Bently, Hartford Steam Boiler

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