

Level I Partial Discharge Surveys



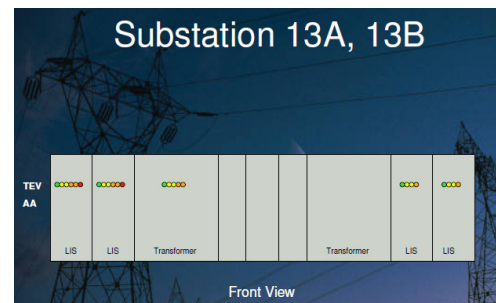
Using this new handheld instrument, we can efficiently survey all of your medium voltage equipment, while it remains in service, to detect the early stages of insulation failure. This technology detects the electromagnetic pulses associated with partial insulation failure of switchgear, switch, bus duct, dry-type transformer and many other types of equipment. These surveys provide early warning for impending failures and allows time to schedule repairs.



This bus duct has suffered severe insulation damage and would soon fail completely. Our Level PD I survey program detected this problem and a repair outage was scheduled to complete repairs.

Contact us today to avoid tomorrow's problems!

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The picture above represents the results of a recent survey that detected a defective surge arrester. Three different sensor technologies are used to detect insulation problems and Level I surveys can typically rule our 90% of the equipment as "good". Detailed Level II testing can then be focused on the remaining "suspect" equipment to determine problem location and intensity.

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No-Outage Services

- ◆ Infrared
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