



PEL TRANSFORMER SERVICE PROGRAM IS A COMPREHENSIVE OFFERING SPECIALLY TO HELP OUR CUSTOMERS INCREASE THEIR RELIABILITY, IMPROVE THEIR PROFITABILITY AND REDUCE THEIR RISK THROUGH TRANSFORMER CONDITION ASSESSMENT

Primary Level Assessment

Primary level assessment is performed at site to determine the fitness of the transformer for continued service.

The assessment includes review of original manufacturer's test reports & specifications, an external visual inspection, interviews with site personnel and following electrical and oil tests, but not limited to:

- Insulation Resistance
- Transformer Turns Ratio
- DC Winding Resistance
- Capacitance & Dissipation Factor
- Complete Chemical Analysis of Oil
- Short Circuit Impedance
- Open Circuit Test
- Sound Level
- Zero Sequence Impedance

The Customer will be provided a summary report that will include any areas of concern found by PEL Transformer Experts in addition to a recommendation list.

Secondary Level Assessment

Secondary level assessment is performed at site based on the reports of primary level assessment, previous history & present condition of transformer indicating if it has undergone or undergoing severe fault or abnormal conditions.

The assessment includes review of primary level assessment reports and following off as well as on-line electrical and oil tests:

- Core Excitation Current
- Sweep Frequency Response Analysis
- Power Factor Test of Bushings & Windings
- Core Ground Test
- Leakage Reactance
- Online Partial Discharge
- Thermography
- Dissolved Gas Analysis
- Insulation Analysis

The Customer will be provided a summary report that will include any areas of concern found by PEL Transformer Experts in addition to a recommendation list.

Tertiary Level Assessment

Based on the primary and secondary level of assessment, if transformer is showing signs of distress, PEL personnel would coordinate to perform an internal examination of the transformer. This involves a specially trained team to carry out this work.

Depending upon the evaluation required, the transformer may be evaluated at PEL's repair facility for continued testing. The testing would be carried out as per IEC standard 60076.

The customer will be provided with the complete reliable solution whether the transformer is repairable or a new replica transformer would be practicable.

SPECIAL OFFER ON PRIMARY LEVEL ASSESSMENT FOR A LIMITED TIME PERIOD

WE ARE ALSO OFFERING SPECIAL DISCOUNT ON COMPLETE ANNUAL MAINTENANCE CONTRACT

Call us for our assistance at:

03334422579

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or e-mail raza.atab@pelgroup.com.pk

& give us a chance to assess the condition of your valuable asset