



GUJARAT POWER RESEARCH & DEVELOPMENT CELL GUJARAT URJA VIKAS NIGAM LTD

AN ONLINE TESTING SETUP FOR HT CONSUMER METERING SYSTEM



The ONLINE TESTING SET comprises standard HT TVM, CTs, PTs and switching device. The OLTS is competent to test the entire Metering Set comprising of CTPT unit, TVM and Control cable in on-load condition without interrupting the Power supply.

Features of OLTS

- Onsite testing of a Metering Set of HT Consumer installation
- Testing the CTPT unit, TVM and Control Cable during actual loading
- No need to interrupt the power supply of HT Consumer
- A Testing Set up on the Wheel
- The actual technical loss of a feeder section can be measured
- Promising large scale testing in minimum time

Benefits to the Power Distribution Companies

- Huge revenue leakage, due to hidden error of CTs and PTs can be eliminated
- Economically & technologically viable option
- A cost-effective solution
- DISCOMs can do it, without the help of a third party or outsource

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The OLTS is a novel concept and it performing best and satisfactorily in the field