Testing and Calibration of Meters

CENTRAL TESTING CIRCLE (CTC), DVC, MAITHON
(A KNOWLEDGE BASED DEPT.)

Services & Technical Capabilities:

CTC:
Equipped with present day sophisticated equipment for testing and analysis of the Electrical Equipments, Protective Relays, Fault Level Calculation (thru’ ASPEN Software) for Relay setting & Co-ordination, System Disturbances/Total Power Failure/Equipment Failure etc’ with investigation and Consultancy. Complete Testing /Commissioning & Protection implementation of Electrical Equipment with Unik System, Bays, Lines, Fdr, Transformer, Tariff-Meters etc’ along with the Protection Scheme finalization, Relay Maintenance.

Transformer Oil Dissolved Gas Analysis:
Fully Automatic Microprocessor Controlled Agilent Technologies, U.S.A make Gas Chromatograph for Dissolved Gas Analysis (TOGA/DGA) with minm’ Hydrocarbon Gas detection level.

Metering Cell:
Equipped with Zera, Germany, 0.01 Class, COM3000 Comparator and 0.05 Class, SRS121.3 MTE, Germany Test Bench for ‘Electrical Testing’ of Energy Meters and ‘Electro-Technical Calibration’ to ERS Meters as per the relevant standard. The NABL scope of Metering System Management is maintained with its adequate meteorological condition.

Consultancy Services:
Provided for Third Party Equipment Testing / Commissioning /Investigation & Analysis.

Infrastructure:
For maintaining system healthiness, fault finding, quality power and actual energy measurement, CTC, DVC, Maithon is equipped with proficient, Engineer, trained manpower and sophisticated present day testing equipments and instruments.

Accreditation and Recognition: