



METER LAB SERVICES

THE EASTERN SPECIALTY COMPANY

TESCO's Meter Lab Services gives our utility customers, meter manufacturers, as well as other metering vendors, a better understanding of "cause & effect" scenarios. The **TESCO** engineering team has worked together to develop protocols, test theories, and research materials on various industry topics.

TESCO Meter Lab Services have included:

- ANSI Testing
- Simulated UL testing
- Safety testing
 - Hot socket issues, causes, simulation
 - Meter water penetration testing
 - Meter failure root cause & analysis
- Statistical investigation and analysis of field phenomenon
- Effects of magnets on solid state meters
- Specific functional issues related to AMI & meter manufacturers
- Meter certification & performance testing
- Meter qualification testing
- Meter functionality/communication test protocol & evaluation
- Calibration services

TESCO Meter Lab Services offers utilities the opportunity to investigate specific issues related their meters and/or metering department. These investigations often result in lab equipment, which **TESCO** will then install at our customer's facility. To discuss a custom meter lab service (or product), please contact **TESCO** at (215) 228-0500.

The TESCO Meter Shop & Meter Lab Services Facility Includes:

- Multi-Position Meter Test Boards (MTBs)
- Multi-Position Meter Qualification Boards (MQBs)
- Multi-Position Re-Programming Boards
- Demand Test Boards
- Single-Position Watt-Hour Test Boards
- Individual Engineering Stations (Desktop Meter Stations, Single-Position Meter Qualification Boards)
- Meter Scrapping Facility (electromechanical, solid-state, polycarbonate covers, glass covers)
- Knopp Transformer Test Equipment
- Electronics Lab
- Water/Rain Simulation Lab & Testing Facility
- High Pot Testing Facility
- Thermal Testing Facility
- Hot Socket Simulation Equipment
- Environmental Chamber

