TESCOOL 2023 Agenda

July 9-12, 2023 Bristol, PA TESCO headquarters

A unique op portunity to gain insight from the industry leaders in electric metering. Together with industry peers you can choose your track for both in-class and on-hands training.

| industry peers you can choose | your track for both in-class and on-hands training. | | | | | |
|-------------------------------|--|---|---|---|---|--|
| TRACKS: | ONE: Intro to Self-Contained and Transformer Metering. This track is for the entry- level person. Classes provide a basis fo understanding metering principles, power system, basic math, AC and DC theory, meter testing safety and all areas related to single phase meters. The classes are designed to prepare participants for the next level of classes related to polyphase meters. | TWO: Polyphase Metering This track is designed for the purpose of providing an overview of the basic information to understand polyphase metering. This session covers selection installation and maintaining polyphase meters. Training in the selection, use and maintenance of current and voltage transformers. | THREE: Hands-on TESCO Equipment. This track will allow existing and prospective TESCO equipment and software users to have direct access to the TESCO Engineering and Software teams. Training on all forms of TESCO equipment, including Meter Shop Test Equipment, Meter Site Field Test Equipment, Training Boards and Safety Equipment. | FOUR: Advanced Metering Topics. Current events and industry trend discussions This track provides information about the newest technologies, current industry trends, day to day operational issues, as well as updates on new technology implementation projects. This track is ideal fo professionals and managers who want to be on the cutting edge about the metering industry and its current challenges. | FIVE: Meter Manager with Hands on. This track will allow existing or prospective Meter Manager Software users to have an in depth discussion and hands-on training with our Doftware team. This will enable users to get the full benefit of our Software. This track will also include extensive discussions and hands-on with our latest Meter Manager 3.0. | TESCO Technology Center: Hands ON sessions & 1 - on - 1 sessions that can be scheduled with our engineering / software teams for personalized/ individual training discussions |
| Sunday, July 9th | | | | | | |
| 5:00-7:00 PM | Registration | Registration | Registration | Registration | Registration | Registration . |
| 7:00PM | Welcome, Dinner Reception & Overview of Event | Welcome, Dinner Reception & Overview of Event | Welcome, Dinner Reception & Overview of Event | Welcome, Dinner Reception & Overview of Event | Welcome, Dinner Reception & Overview of Event | Welcome & Dinner Reception |
| Monday, July 10th | | | | | | Monday, July 10th |
| 8:00 - 9:00 AM | Breakfast & Opening Remarks | Breakfast & Opening Remarks | Breakfast & Opening Remarks | Breakfast & Opening Remarks | Breakfast & Opening Remarks | Breakfast & Opening Remarks |
| 9:00 - 10:30 AM | TESCO Factory Tour | TESCO Factory Tour | TESCO Factory Tour | TESCO Factory Tour | TESCO Factory Tour | TESCO Factory Tour |
| 10:30 - 11:15 AM | History of Metering (combined with Track 2) | History of Metering (combined with Track 1) | Testing Single Phase Meters in Meter Shop using the 2990 and 3050 | New Power Definitions - ANSI C12.31 | Getting to know your Meter Manager 3.0 | · |
| 11:15 - 12:00 PM | Basic of Electricity | Transformer Rated Metering 101 | | The Benefit of High Accuracy Extended Range Current Transform | ers Getting to know your Meter Manager 3.1 | |
| 12:00 - 1:00 PM | Lunch | Lunch | Lunch | Lunch | Lunch | Lunch |
| 1:00 - 2:00 PM | Single Phase Meter Theory | Three Phase Meter Theory | Burden and Ratio Testing using the 1043, 1047 and 6330 | DCMetering | Case Studies in Improving Meter Shop Productivity | |
| 2:00 - 2:45 PM | Instrument Transformers | ANSI Meter Forms and Wiring Diagrams | Hands ON Catalog #6330 Meter Site Analyzer | TESCO/Nighthawk Integration and Solution for MV-90 and Fibe | | |
| 2:45 - 3:00 PM | Afternoon Break | Afternoon Break | Afternoon Break | Afternoon Break | Afternoon Break | Afternoon Break |
| 3:00 - 4:30 PM | Introduction to Watt-Hour Meter Testing | Testing CT's and Meters in a Three Phase Installation | Nighthawk 101 | Case Study- Verifying Transformer Rated Service Installations | Case Studies - Using Meter Manager to help address Supply Chaissues | |
| 4:30 PM | Adjourn, Networking/Happy Hour | Adjourn, Networking/Happy Hour | Adjourn, Networking/Happy Hour | Adjourn, Networking/Happy Hour | Adjourn, Networking/Happy Hour | Adjourn, Networking/Happy Hour |
| Tuesday, July 11th | ,, | | ,, | у парти | , | |
| 8:00 - 9:00 AM | Breakfast | Breakfast | Breakfast | Breakfast | Breakfast | Breakfast |
| 9:00 - 10:00 AM | Hands On Testing Single Phase Meters in Meter Shop (including remo | Safety at the Meter Site | Ct Testing using the Knopp KCTS-8000 | Metering Operations & Utilities : 2023 and Beyond | Capturing Functional Testing in Meter Manager 3.0 | |
| 10:00 - 11:00 AM | Meter Sockets/Safety Checks & Hot Socket Discussion | Practical Use of Vectors in Electric Metering | Testing VT's using the Knopp KVTS | Wild Fire Response- Case study - PG&E BPTM (Backup Power Transfer Meter) | Deploying Meter Manager 3.0 to Mobile Users | |
| 12:00 - 1:00 PM | Lunch | Lunch | lunch | Lunch | Lunch | Lunch |
| 1:00 - 2:00 PM | Transformer Rated Metering 101 | Hands On Catalog #6330 Meter Site Analyzer | Hands ON Using TDM in Meter Shop and Meter site and Creating Test Sequences | Shedding Light on Street Light Meters | Planning for your Meter Manager 3.0 Upgrade | |
| 2:00 - 2:45 PM | Test Switch Operation and Transformer nameplates | Instrument Transformer Basics | Using the Signal Strength Analyzer, Safety Disconnect Devices and 0th hand instruments in the field | ANSI Update | | |
| 2:45 - 3:00 PM | Afternoon Break | Afternoon Break | Afternoon Break | Afternoon Break | Afternoon Break | Afternoon Break |
| 3:00 - 3:45 PM | Safety and Energy Diversion Issues to look for on both self-contained polyphase services (combines with track 2&3) | Safety and Energy Diversion Issues to look for on both self-contain and polyphase services (combines with track 1&3) | Safety and Energy Diversion Issues to look for on both self-contained apolyphase services (combines with track 1&2) | Utility Supply Chain Issues - Round Table Discussion | User Feedback Session for Meter Manager 3.0 and Next Steps | |
| 3:45 - 4:30 PM | Principals of NIST and Traceability (Combined with tracks 2 & 3) | Principals of NIST and Traceability (Combined with tracks 1 & 3) | Principles of NIST and Traceability (Combined with tracks 1 & 2) | | THE | |
| 4:30 | Adjourn, Networking/Happy Hour | Adjourn, Networking/Happy Hour | Adjourn, Networking/Happy Hour | Adjourn, Networking/Happy Hour | Adjourn, Networking/Happy Hour | Adjourn, Networking/Happy Hour |
| Wednesday, July 12th | Paral for the | Davel for the | Dani fi sa | David for A | Day 15 ch | |
| 8:00 - 9:00 AM | Breakfast | Breakfast | Breakfast | Breakfast | Breakfast | Breakfast |
| 9:00 - 10:00 AM | Hands ON TESCO Training Board and service trouble shooting | Sizing Instrument Transformer for Accurate Performance | Hands ON TESCO Training Board and service trouble shooting | Inter-Tie Testing | Open to other Tracks | |
| 10:00 - 11:00 AM | Time of Use and Demand Metering - Why is it Important? | Hands ON TESCO Training Board and service trouble shooting | New Product Intro and Feedback | Micro-arc Detection as Part of your AMI System | Open to other Tracks | |
| 11:00 - 12:00 PM | Meter Safety | Benefit of high accuracy, extended range CT's | New Product Intro and Feedback | EVSE and preparing for the impact on your utility | Open to other Tracks | |
| 12:00 - 1:00 PM | Lunch | Lunch | Lunch | Lunch | Lunch | Lunch |
| 1:00 - 2:00 PM | Closing Remarks, TESCOOL 2024 - 120 Years | Closing Remarks, TESCOOL 2024 - 120 Years | Closing Remarks, TESCOOL 2024 -120 Years | Closing Remarks, TESCOOL 2024 - 120 Years | Closing Remarks, TESCOOL 2024 -120 Years | Closing Remarks TESCOOL 2024 |