



# 93rd Annual North Carolina Electric Meter School and Grid Technology Conference

## June 8-12, 2025

Track	Title	Start Time	Location	Description
<b>Sunday, June 8, 2025</b>				
Social & Networking	Registration Opens	05:00pm	EMBASSY SUITES LOBBY	
Social & Networking	Welcome Social	06:00pm	EXHIBIT HALL	
<b>Monday, June 9, 2025</b>				
General Session	Welcome to the School	09:00am	KENSINGTON ABC	Presenter: Greg Johnson (Alabama Power)
General Session	Presentation of Colors	09:10am	KENSINGTON ABC	
General Session	Opening Comments	09:15am	KENSINGTON ABC	Presenter: Connie McElroy-Bacon (NC Meter School Coordinator)
General Session	Welcome from NC State University Continuing and Lifelong Education	09:30am	KENSINGTON ABC	Presenter: Savannah Vince (NC Continuing and Lifelong Education)
General Session	Theft and Tampering Awareness Training for Electric Utility Companies	09:45am	KENSINGTON ABC	Presenters: Brian Jehle (Inner-Tite Corp.) & Jason Parker (Duke Energy)
Social & Networking	Break	10:45am	KENSINGTON ABC	
General Session	Back to Back Hurricane Response - Impact on Metering	11:00am	KENSINGTON ABC	Presenter: Tiffany Dennison (Duke Energy)
Social & Networking	Lunch	12:00pm	KENSINGTON ABC	
General Session	Hurricane Response	01:00pm	KENSINGTON ABC	Presenter: Greg Johnson (Alabama Power)
Substation & Distribution				Presenter: Curtis Craig; Presenter: Court Weathers (Booth & Associates, LLC)
Equipment-Basic	Introduction to Substations I: Equipment	02:00pm	WINDSOR B	
Social & Networking	Break	02:30pm	KENSINGTON ABC	
Single Phase	History of Electricity Metering	02:45pm	KENSINGTON C	Presenter: Rodney Brown (Dominion Energy); Presenter: Joel Canine (Radian Research)
Polyphase	Polyphase Meter Applications	02:45pm	KENSINGTON A	Presenter: Chad Cooper (Dominion Energy); Presenter: Michael Corbin (US Electric Solutions)
Advanced	Quadrant Metering	02:45pm	KENSINGTON B	Presenter: Josh McDonald (Rappahannock Electric Coop); Presenter: John Williams (TESCO)
Substation & Distribution				Presenter: Jason Parker (Duke Energy); Presenters: Priyanka Kolte & Vincent Duong (ABB Inc.)
Equipment-Advanced	Lightning Round	02:45pm	WINDSOR A	Presenter & Presenter: John Maclaga (Wilson Energy)
Emerging Technologies	Microgrids – Powering your world, Sustainably	02:45pm	SOMERSET	
Social & Networking	Visit Vendors	02:45pm	EXHIBIT HALL	
Social & Networking	Adjourn/Networking Social	04:00pm	EXHIBIT HALL	
<b>Tuesday, June 10, 2025</b>				
Single Phase	Basic Electricity	08:00am	KENSINGTON C	Presenter: George Leach (NOVEC); Presenter: Will Elliott (Aclara Meters)
Polyphase	AC Theory	08:00am	KENSINGTON A	Presenter: Jean Kretzschmar (SAMSCO); Presenter: John Carter (TEC Powermetrix)
Advanced	Meter Technician's Role in AMI	08:00am	KENSINGTON B	Presenter: Brandon Carroll (NTS); Presenter: Silvia Rodriguez (WeProject, Inc.)

Management	AMI Deployment Lessons Learned from an Industry Veteran	08:00am	WINDSOR C	Presenter: Kenneth McCraw Duke Energy); Presenter: Scott Mossbrooks (Wesco)
Substation & Distribution				Presenter: Preston Fry (RW Chapman); Presenter: Ryan Alkire (GE Vernova)
Equipment-Basic	Bushing Current Transformer - Specifying for Metering and Relaying	08:00am	WINDSOR B	
Substation & Distribution				Presenter: Bill Jordan (Booth & Associates); Presenter: TBA (ABB)
Equipment-Advanced	Virtualizing Protection and Control	08:00am	WINDSOR A	
Emerging Technologies	Analytics for Meter Data	08:00am	SOMERSET	Presenter: Tim Stankiewicz (Fayetteville PWC); Presenter: Zack Horton (Booth & Associates LLC)
Engineering	Understanding & Refining the Use of SCADA Indication Points in a Modern Electrical Distribution System	08:00am	HAMPTON	Presenter: Karl Repko (Reinhausen Manufacturing); Presenter: Mark Ballentine (McCall Thomas Engineering)
Advanced	Meter Site Design	08:45am	KENSINGTON B	Presenter: Brandon Carroll (NTS); Presenter: Steve Hudson (TEC Powermetrix)
Management	Maintaining Your AMI System, Best Practices	08:45am	WINDSOR C	Presenter: Kenneth McCraw Duke Energy); Presenter: Silvia Rodriguez (WeProject, Inc.)
Substation & Distribution				Presenter: Preston Fry (RW Chapman); Presenter: Roger Munay (Eaton)
Equipment-Basic	Distribution Reclosers & Controls	08:45am	WINDSOR B	
Substation & Distribution				Presenter: Bill Jordan (Booth & Associates); Presenter: Ben Ellis (Roxtec)
Equipment-Advanced	Protecting Substations from Environmental Issues	08:45am	WINDSOR A	
Emerging Technologies	How Our Utility Handles 5G Antenna Installations and Safety	08:45am	SOMERSET	Presenter: Tim Stankiewicz (Fayetteville PWC); Presenter: Wesley Jacobs & Tim Stankiewicz (Fayetteville PWC)
Engineering	How does IPSec Encryption Work?	08:45am	HAMPTON	Presenter: Karl Repko (Reinhausen Manufacturing); Presenter: Andy Gould (Schweitzer Engineering Labs)
Single Phase	Math for Metering	09:00am	KENSINGTON C	Presenter: George Leach (NOVEC); Presenter: Michael Corbin (US Electric Solutions)
Polyphase	Instrument Transformer Basics - Focus on Accurate Metering	09:00am	KENSINGTON A	Presenter: Jean Kretschmar (SAMSCO); Presenter: Ryan Alkire (GE Vernova)
Advanced	Mitigating Risks for an AMI Deployment	09:30am	KENSINGTON B	Presenter: Brandon Carroll (NTS); Presenter: Randy Campbell (Radian Research)
Management	Leveraging AMI Data to Improve Grid Resiliency while Optimizing the Network	09:30am	WINDSOR C	Presenter: Kenneth McCraw Duke Energy); Presenter: Raymond Kasten (Southwire LLC)
Substation & Distribution				Presenter: Preston Fry (RW Chapman); Presenter: Kiran Ravikumara (Schweitzer Engineering Labs)
Equipment-Basic	Substation Print Reading	09:30am	WINDSOR B	
Substation & Distribution				Presenter: Bill Jordan (Booth & Associates); Presenter: Michael Griffin (Ritz Instrument Transformers)
Equipment-Advanced	High Voltage Instrument Transformers	09:30am	WINDSOR A	
Emerging Technologies	Empowering Utility Workflows, the Benefits and Trends of Mobile Device Options	09:30am	SOMERSET	Presenter: Tim Stankiewicz (Fayetteville PWC); Presenter: David Chamber (Radian Research)
Engineering	The Art of Transformer Care: A Guide for Engineers	09:30am	HAMPTON	Presenter: Karl Repko (Reinhausen Manufacturing); Presenter: Chris Lowery (Reinhausen Manufacturing)
Social & Networking	Break	10:00am	EXHIBIT HALL	
Single Phase	Single Phase Meter Theory	10:15am	KENSINGTON C	Presenter: George Leach (NOVEC); Presenter: Perry Lawton (TESCO)

Polyphase	Ratio, Burden, and Admittance Testing	10:15am	KENSINGTON A	President: Jean Kretzschmar (SAMSCO); Presenter: John Williams (TESCO)
Advanced	ANSI C12 Changes That May Impact You for 2025 and Beyond	10:30am	KENSINGTON B	President: Brandon Carroll (NTS); Presenter: Joel Canine (Radian Research)
Management	KYZ Pulse Metering in the AMI era - New Trends	10:30am	WINDSOR C	President: Kenneth McCraw Duke Energy); Presenter: Bill Brayden (Brayden Automation Corp/Solid State Instruments)
Substation & Distribution Equipment-Basic	Regulators - Basic Theory and Operation	10:30am	WINDSOR B	President: Preston Fry (RW Chapman); Presenter: Joe Robb (TMS)
Substation & Distribution Equipment-Advanced	Update to CIP014-3 Physical Security	10:30am	WINDSOR A	President: Bill Jordan (Booth & Associates); Presenter: Joel Valley (Fayetteville PWC)
Emerging Technologies	Unlocking the Power of AMI with Analytics	10:30am	SOMERSET	President: Tim Stankiewicz (Fayetteville PWC); Presenter: Shane Powell (Alabama Power)
Engineering	Utilizing Advanced Analytics for Reliability Analysis	10:30am	HAMPTON	President: Karl Repko (Reinhausen Manufacturing); Presenter: Michael F. Watson (Empiric, LLC)
Single Phase	Wathour Meter Principles and Components	11:00am	KENSINGTON C	President: George Leach (NOVEC); Presenter: Tom Van Valkenburg (Radian Research)
Polyphase	Current Transformer Basics	11:00am	KENSINGTON A	President: Jean Kretzschmar (SAMSCO); Presenter: Jon Rennie (Peak Demand Inc.)
Advanced	Finding Lost Revenue Via Meter Site Analysis (Fun with Vectors!)	11:15am	KENSINGTON B	President: Brandon Carroll (NTS); Presenter: Ryan Moffitt (Radian Research)
Management	Making the AMI Case for Small Utilities	11:15am	WINDSOR C	President: Kenneth McCraw Duke Energy); Presenter: Jon Scott (TESCO)
Substation & Distribution Equipment-Basic	Regulators - Maintenance	11:15am	WINDSOR B	President: Preston Fry (RW Chapman); Presenter: Joe Robb (TMS)
Substation & Distribution Equipment-Advanced	Dashboard Analytics for Substation Inspections	11:15am	WINDSOR A	President: Bill Jordan (Booth & Associates); Presenter: Dr Nand Singh (MinMax Technologies)
Emerging Technologies	The Value of DER/Distribution Management Leveraging Metering	11:15am	SOMERSET	President: Tim Stankiewicz (Fayetteville PWC); Presenter: Mike Vecchi (Landis+Gyr)
Engineering	Engineering Ethics	11:15am	HAMPTON	President: Karl Repko (Reinhausen Manufacturing); Presenter: David Evans (NC Board of Examiners for Engineers and Surveyors) - Earn one credit hour toward your annual ethics training with this session.
Social & Networking	Lunch	12:00pm		
Single Phase	Introduction to Wathour Meter Testing	01:00pm	KENSINGTON C	President: Bill Hardy (Power Measurements, LLC); Presenter: Jonathan Sowders (TEC Powermetrix)
Advanced	AMI, Leveraging the Investment	01:00pm	KENSINGTON B	President: Frank Lopez (GE Instrument Transformers); Presenter: Jerry Smith (Dominion)
Management	Mitigating Risks for an AMI Deployment	01:00pm	WINDSOR C	President: Silvia Rodriguez (WeProject, Inc.); Presenter: Randy Campbell (Radian Research)
Substation & Distribution Equipment-Basic	Introduction to Distribution Reclosing	01:00pm	WINDSOR B	President: Dee Byrd (W.R. Daniel); Presenter: Luke Booth (Schweitzer Engineering Labs)
Substation & Distribution Equipment-Advanced	Preventing Reclosing for Underground Faults	01:00pm	WINDSOR A	President: Rick Anderson (Retired); Presenter: Kiran Ravikumar (Schweitzer Engineering Labs)

Emerging Technologies	Impacts of Residential EV Charging on Utility Operations	01:00pm	SOMERSET	President: Christine Cole (ITRON); Presenter: Eric Lambert (Aclara Meters)
Engineering	Engineering Ethics	01:00pm	HAMPTON	President: Brian Jehle (Innertite); Presenter: David Evans (NC Board of Examiners for Engineers and Surveyors) - Earn one credit hour toward your annual ethics training with this session.
Advanced	Enabling Affordable DER Interconnection via Meter Socket Adapters	01:45pm	KENSINGTON B	President: Frank Lopez (GE Instrument Transformers); Presenter: Dan Falcone (ConnectDER)
Management	Planning for Maximizing the Value of Smart Grid Investments	01:45pm	WINDSOR C	President: Silvia Rodriguez (WeProject, Inc.); Presenter: Joshua Pepple (NRTC)
Substation & Distribution Equipment-Basic	Introduction to Differential Protection	01:45pm	WINDSOR B	President: Dee Byrd (W.R. Daniel); Presenter: Luke Booth (Schweizer Engineering Labs)
Substation & Distribution Equipment-Advanced	Unlock the Power of Digital Substations	01:45pm	WINDSOR A	President: Rick Anderson (Retired); Presentesr: Vincent Duong & Priyanka Kolte (ABB Inc.)
Emerging Technologies	Vegetation Management – More Than Imagery, Technologies for Enhancing Veg Management Programs to Protect the Grid	01:45pm	SOMERSET	President: Christine Cole (ITRON); Presenter: Jim Baehr (Electrical Grid Monitoring)
Engineering	DC Traceability	01:45pm	HAMPTON	President: Brian Jehle (Innertite); Presenter: Joel Canine (Radian Research)
Social & Networking	Visit Vendors	02:00pm	EXHBIT HALL	
Polyphase	ANSI Meter Forms and Wiring Diagrams	02:15pm	KENSINGTON A	President: Jean Kretzschmar (SAMSCO); Presenter: John Williams (TESCO)
Management	Modernizing the Grid by Harnessing the Power of Data.	02:45pm	WINDSOR C	President: Silvia Rodriguez (WeProject, Inc.); Presenter: John O'Leary (Tantalus)
Substation & Distribution Equipment-Basic	Introduction to Substations II: Protection	02:45pm	WINDSOR B	President: Dee Byrd (W.R. Daniel); Presenter: Court Weathers (Booth & Associates, LLC)
Substation & Distribution Equipment-Advanced	Perimeter Security Design, Barriers, Procedures, Evolving Solutions Incorporating ASTM	02:45pm	WINDSOR A	President: Rick Anderson (Retired); Presenter: Trisha Hunt (Amico Security)
Emerging Technologies	Deploying of a PLTE Utility Communications Network	02:45pm	SOMERSET	President: Christine Cole (ITRON); Presenter: Hernan Nucci (Wesco)
Engineering	Potential Use Cases for BESS in Public Power: Advantages and Challenges	02:45pm	HAMPTON	President: Brian Jehle (Innertite); Presenter: TBA (Hitachi Energy)
Advanced	Programming Meters	03:00pm	KENSINGTON B	Ametek - Kensington B Electro Industries - Eton Satec - Oxford Transdata - Pembroke Schneider - Winchester SEL - Harrow
Social & Networking	Break	03:00pm	EXHBIT HALL	
Single Phase	Hands-On: Meter Testing and Site Testing	03:15pm	KENSINGTON C	President: Bill Hardy (Power Measurements, LLC); Presenter: Harold Kennedy (TESCO)
Management	Case Study—Switching Between the Grid and Backup Power	03:30pm	WINDSOR C	President: Silvia Rodriguez (WeProject, Inc.); Presenter: John Williams (TESCO)
Substation & Distribution Equipment-Advanced	Automated line and maintenance patrol using vehicle-mounted infrared camera systems	03:30pm	WINDSOR A	President: Rick Anderson (Retired); Presenter: Dusty Birge (Fast Forward)
Emerging Technologies	Fiber Optic Infrastructure & Technologies	03:30pm	SOMERSET	President: Christine Cole (ITRON); Presenter: Andy Gibson & Joe Phillips (S&N Communications)

Engineering	Transformer Life Extension Thru LTC Retrofit.	03:30pm	HAMPTON	President: Brian Jehle (Innertite); Presenter: Karl Repko (Reinhausen Manufacturing)
Polyphase	Practical Use of Vectors	03:45pm	KENSINGTON A	President: Jean Kretzschmar (SAMSCO); Presenter: Will Elliott (Aclara Meters)
Social & Networking	Adjourn/Networking Social	04:15pm	EXHIBIT HALL	

### Wednesday, June 11, 2025

				Aclara-Kensington C Itron - Eton L&G - Oxford
Single Phase	Programming Meters-Session 1	08:00am	KENSINGTON C	Honeywell-Kensington A Sensus-Harrow President: Raeann Miller (Radian Research); Aclara - Kensington C Itron - Eton L&G - Oxford
Polyphase	Programming Meters-Session 1	08:00am	KENSINGTON A	Honeywell -Kensington A Sensus - Harrow President: Jean Kretzschmar (SAMSCO); Presenter: John Williams (TESCO)
Advanced	Functional Testing: The New Face of Meter Testing NEW	08:00am	KENSINGTON B	President: Steve Cauble (Duke Energy); Presenter: James Tramel (TESCO)
Management	Cyber Security for Metering and Distribution	08:00am	WINDSOR C	
Substation & Distribution Equipment-Basic	Sizing Instrument Transformers for the Most Accurate Metering Performance.	08:00am	WINDSOR B	President: Daniel Dye (NTS); Presenter: Michael Griffin (Ritz Instrument Transformers)
Substation & Distribution Equipment-Advanced	Electric Vehicle Impacts to the Distribution System	08:00am	WINDSOR A	President: Court Weathers (Booth & Associates); Presenter: Brad Carroll (DRG Technical Solutions)
Emerging Technologies	AMI 2.0+ Protecting core utility operations	08:00am	SOMERSET	President: Christine Cole (ITRON); Presenter: Mike Vecchi (Landis+Gyr)
Advanced	Site Inspections - Looking for Dangerous Installations and Incorrect Billing	08:45am	KENSINGTON B	President: Jean Kretzschmar (SAMSCO); Presenter: Tom Lawton (TESCO)
Management	Safety in Field Metering Equipment	08:45am	WINDSOR C	President: Steve Cauble (Duke Energy); Presenter: Jonathan Sowders (TEC Powermetrix)
Substation & Distribution Equipment-Basic	Metering Different Bus Arrangements	08:45am	WINDSOR B	President: Daniel Dye (NTS); Presenter: Nathaniel Dunn (Schneider Electric)
Substation & Distribution Equipment-Advanced	Digital Secondary Substations - A Practical Analysis	08:45am	WINDSOR A	President: Court Weathers (Booth & Associates); Presenter: Derrick Wood (Booth & Associates)
Emerging Technologies	AMI At Light Speed -- Leveraging Fiber Back-haul for AMI	08:45am	SOMERSET	President: Christine Cole (ITRON); Presenter: Bryan Seal (ITRON)
Advanced	Improving Meter Shop Efficiency	09:30am	KENSINGTON B	President: Jean Kretzschmar (SAMSCO); Presenter: Randy Campbell (Radian Research)
Management	Equipment and Instrumentation Repair Tracking Management	09:30am	WINDSOR C	President: Steve Cauble (Duke Energy); Presenter: David Schamber (Radian Research)
Substation & Distribution Equipment-Basic	Sizing Distribution Transformers for C&I Customers	09:30am	WINDSOR B	President: Daniel Dye (NTS); Presenter: Bill Jordan (Booth and Associates LLC)
Substation & Distribution Equipment-Advanced	Visit Vendors	09:30am	WINDSOR A	

Emerging Technologies	Automated Load Shedding Approaches	09:30am	SOMERSET	President: Christine Cole (ITRON); Presenter: Andy Gould (Schweitzer Engineering Labs)
Social & Networking	Break	09:45am	KENSINGTON C	
				Aclara-Kensington C Itron - Eton L&G - Oxford
Single Phase	Programming Meters-Session 2	10:00am	KENSINGTON C	Honeywell-Kensington A Sensus-Harrow
				Kensington C Itron - Eton L&G - Oxford
Polyphase	Programming Meters-Session 2	10:00am	KENSINGTON A	Honeywell-Kensington A Sensus-Harrow
				President: Jean Kretzschmar (SAMSCO); Presenter: Bill Hardy (Power Measurements LLC - retired)
Advanced	ANSI Standards: A new generation of standards is coming	10:30am	KENSINGTON B	
				President: Steve Cauble (Duke Energy); Presenter: Robbie Astrop (Electric Power Engineers)
Management	Fair Value of DER's on Utility Distribution Networks	10:30am	WINDSOR C	
Substation & Distribution				President: Daniel Dye (NTS); Presenter: Joe Robb (TMS)
Equipment-Basic	Recloser - Basic Theory and Operation	10:30am	WINDSOR B	
Substation & Distribution				President: Court Weathers (Booth & Associates); Presenter: Bill Gannon (SPI)
Equipment-Advanced	Substation Oil Containment Through the Years	10:30am	WINDSOR A	
				President: Christine Cole (ITRON); Presenter: Kiran Ravikumar (Schweitzer Engineering Labs)
Emerging Technologies	High Density Coordination with Communications	10:30am	SOMERSET	
				President: Jean Kretzschmar (SAMSCO); Presenter: Jon Scott (TESCO)
Advanced	Lessons Learned from AMI Deployments and Asset Management Readiness	11:15am	KENSINGTON B	
				President: Steve Cauble (Duke Energy); Presenter: Nick Nakamura (PowerSide)
Management	Power Quality Analysis	11:15am	WINDSOR C	
Substation & Distribution				President: Daniel Dye (NTS); Presenter: Joe Robb (TMS)
Equipment-Basic	Recloser - Maintenance	11:15am	WINDSOR B	
Substation & Distribution				President: Court Weathers (Booth & Associates); Presenter: Court Weathers (Booth & Associates)
Equipment-Advanced	Overvoltage Protection of Underbuild Distribution	11:15am	WINDSOR A	
				President: Christine Cole (ITRON); Presenter: TBA (ABB)
Emerging Technologies	Leveraging Artificial Intelligence and Machine Learning for Fault Prediction	11:15am	SOMERSET	
Social & Networking	Lunch	12:00pm	KENSINGTON C	
				President: Frank Lopez (GE Instrument Transformers); Presenter: Perry Lawton (TESCO)
Single Phase		01:00pm	KENSINGTON C	
				President: Jacobi Smith (NTS); Presenter: Bill Brayden (Brayden Automation Corp/Solid State Instruments)
Polyphase	KYZ Pulse Metering	01:00pm	KENSINGTON A	
				President: Mike Doggett (Chapman Company); Presenter: David Schamber (Radian Research)
Advanced	Testing High Revenue Meters	01:00pm	KENSINGTON B	
				President: Christine Cole (Itron); Presenter: Tom Lawton (TESCO)
Management	Meter Service Shops of the Future	01:00pm	WINDSOR C	
Substation & Distribution				President: Court Weathers (Booth & Associates); Presenter: Andy Gould (Schweitzer Engineering Labs)
Equipment-Basic	Fundamentals of Ethernet communications	01:00pm	WINDSOR B	

Substation & Distribution Equipment-Advanced	Event Analysis Advanced	01:00pm	WINDSOR A	President: Dee Byrd (W.R. Daniel); Presenter: Kiran Ravikumar (Schweitzer Engineering Labs)
Emerging Technologies	Planning and preparing: Putting the right resources in place before we need them	01:00pm	SOMERSET	President: James Tramal (TESCO); Presenter: Joshua Pepple (NRTC)
Advanced	Time of Use and Load Profile	01:45pm	KENSINGTON B	President: Mike Doggett (Chapman Company); Presenter: Bryan Seal (Itron)
Management	Why Grid Reliability Demands New Approaches and Tools	01:45pm	WINDSOR C	President: Christine Cole (Itron); Presenter: James Hobbs (Safegrid Oy)
Substation & Distribution Equipment-Basic	Introduction to DNP3 Protocol	01:45pm	WINDSOR B	President: Court Weathers (Booth & Associates); Presenter: Andy Gould (Schweitzer Engineering Labs)
Substation & Distribution Equipment-Advanced	Critical Load Monitoring Through Transformers	01:45pm	WINDSOR A	President: Dee Byrd (W.R. Daniel); Presenter: Mark French (Ubicquia)
Emerging Technologies	EV Charging: 30kW to 30MW	01:45pm	SOMERSET	President: James Tramal (TESCO); Presenter: Bill Hardy (Power Measurements LLC - retired)
Social & Networking	Break	02:00pm	KENSINGTON C	
Single Phase	Instrument Transformer Basics - Understanding All Nameplate Ratings.	02:15pm	KENSINGTON C	President: Frank Lopez (GE Instrument Transformers); Presenter: Ryan Alkire (GE Vernova)
Polyphase	Hands-on Testing-Powermetrix	02:15pm	KENSINGTON A	President: Jacobi Smith (NTS); TEC Powermetrix - Kensington A Radian - Harrow TESCO - Eton Probewell - Oxford
Advanced	Modernizing Meter Shops with Software Workflows	02:45pm	KENSINGTON B	President: Mike Doggett (Chapman Company); Presenter: Tom Van Valkenburg (Radian Research)
Management	Panel Discussion - Data Center Impacts	02:45pm	WINDSOR C	President: Christine Cole (Itron); Panelists: Jeff Lewis (PowerTech), Duke Rep Dominion Rep, Clare Bargerstock (NOVEC), & Josh McDonald (Rappanock Electric Coop)
Substation & Distribution Equipment-Basic	IEEE 837 Standard for Qualifying Permanent Connections used in Substation Grounding	02:45pm	WINDSOR B	President: Court Weathers (Booth & Associates); Presenter: Dan Holm (nVent)
Substation & Distribution Equipment-Advanced	Fast Bus Tripping	02:45pm	WINDSOR A	President: Dee Byrd (W.R. Daniel); Presenter: Kiran Ravikumar (Schweitzer Engineering Labs)
Emerging Technologies	Pros and Cons of Cellular AMI, RF, and Power Line Carriers	02:45pm	SOMERSET	President: James Tramal (TESCO); Presenter: Jon Scott (TESCO)
Single Phase	Introduction to Vector Diagrams	03:15pm	KENSINGTON C	President: Frank Lopez (GE Instrument Transformers); Presenter: John Carter (TEC Powermetrix)
Advanced	New ANSI Standard and Application in the Field--NEW	03:30pm	KENSINGTON B	President: Mike Doggett (Chapman Company); Presenter: Tom Lawton (TESCO)
Substation & Distribution Equipment-Advanced	Distribution Automation and FLISR	03:30pm	WINDSOR A	President: Dee Byrd (W.R. Daniel); Presenter: Andy Gould (Schweitzer Engineering Labs)
Emerging Technologies	From Hype to Reality: Generative AI's Role in Electric Utility Transformation	03:30pm	SOMERSET	President: James Tramal (TESCO); Presenter: Alnoor Ebrahim (Southern Cross Inc.)
Social & Networking	Networking Social	06:00pm	SOMERSET PREFUNCTION	

Social & Networking	Banquet	07:00pm	KENSINGTON BALLROOM	
<b>Thursday, June 12, 2025</b>				
Single Phase	Introduction to Self Contained Meter Sockets	08:00am	KENSINGTON C	President: Scott Finley (NTS); Presenter: Mark Barker (The Durham Company)
Polyphase	Detecting False Energy Metering	08:00am	KENSINGTON A	President: Greg Johnson (Alabama Power); Presenter: Luke Booth (Schweitzer Engineering Laboratories)
Advanced	ANSI C12 Changes That May Impact You for 2025 and Beyond	08:00am	KENSINGTON B	President: Jeff Lewis (PowerTech); Presenter: Joel Canine (Radian Research) - This is a combined session with the "Management" track.
Management	ANSI C12 Changes That May Impact You for 2025 and Beyond	08:00am	KENSINGTON B	President: Jeff Lewis (PowerTech); Presenter: Joel Canine (Radian Research) - This is a combined session with the "Advanced" track.
Substation & Distribution Equipment-Basic	Key Elements of Distribution Design (NESC)	08:00am	WINDSOR B	President: Dee Byrd (W.R. Daniel); Presenter: Bill Jordan (Booth & Associates)
Substation & Distribution Equipment-Advanced	Effect of Grounding on Sweep Frequency Response Analysis C57.149	08:00am	WINDSOR A	President: John Maclaga (City of Wilson); Presenter: Wesley Schrom PE (Carolina Dielectric Maintenance Testing Co)
Emerging Technologies	Updating Utility Maintenance at The Grid Edge	08:00am	SOMERSET	President: Clare Bargerstock (NOVEC); Presenter: Jim Fisher (ITRON)
Advanced	DER Installations & Customer Experience	08:45am	KENSINGTON B	President: Jeff Lewis (PowerTech); Presenter: Nora Lardner (ConnectDER & SunRun) - This is a combined session with the "Management" track.
Management	DER Installations & Customer Experience	08:45am	KENSINGTON B	President: Jeff Lewis (PowerTech); Presenter: Nora Lardner (ConnectDER & SunRun) - This is a combined session with the "Advanced" track.
Substation & Distribution Equipment-Basic	Arc Flash Analysis and Why You Care	08:45am	WINDSOR B	President: Dee Byrd (W.R. Daniel); Presenter: Matt Ward (McCall-Thomas Engineering)
Substation & Distribution Equipment-Advanced	Using Mobile DGA to Safeguard Equipment and Personnel	08:45am	WINDSOR A	President: John Maclaga (City of Wilson); Presenter: Lee Doyle (Vaisala)
Emerging Technologies	Fiber Optic Sensing Applications	08:45am	SOMERSET	President: Clare Bargerstock (NOVEC); Presenters: Andy Gibson & Mark Boxer (S&N Communications / OFS Optics)
Single Phase	Single Phase Meter Theory: Energy/Power, Power Triangle, Single Phase Self Contained Meter Forms	09:00am	KENSINGTON C	President: Scott Finley (NTS); Presenter: Bryan Seal (ITRON)
Polyphase	In Service Testing Problems and Processes	09:00am	KENSINGTON A	President: Greg Johnson (Alabama Power); Presenter: Ryan Moffitt (Radian Research)
Advanced	Transforming Vehicle-to-Grid Challenges into Opportunities	09:30am	KENSINGTON B	President: Jeff Lewis (PowerTech); Presenter: Serena Kim (NC State University) - This is a combined session with the "Management" track.
Management	Transforming Vehicle-to-Grid Challenges into Opportunities	09:30am	KENSINGTON B	President: Jeff Lewis (PowerTech); Presenter: Serena Kim (NC State University) - This is a combined session with the "Advanced" track.
Substation & Distribution Equipment-Basic	IEEE 80 Guide for Safety in AC Substation Grounding with Focus on Reducing Step & Touch Potential Hazards	09:30am	WINDSOR B	President: Dee Byrd (W.R. Daniel); Presenter: Dan Holm (nVent)



Substation & Distribution Equipment-Advanced	Primary and Secondary Transformer Cellular based monitoring	09:30am	WINDSOR A	President: John Maclaga (City of Wilson); Presenter: JT Thompson (Edge Zero)
Emerging Technologies	Distribution Operation Training Simulator - Overview and Benefits	09:30am	SOMERSET	President: Clare Bargerstock (NOVEC); Presenters: Parag Parikh & Mike Adams (Hitachi Energy)
Single Phase	Street Light Watthour Testing	10:00am	KENSINGTON C	President: Scott Finley (NTS); Presenter: Ryan Moffitt (Radian Research)
Polyphase	4 Quadrant Metering	10:15am	KENSINGTON A	President: Greg Johnson (Alabama Power); Presenter: Nathaniel Dunn (Schneider Electric)
Advanced	Increasing Energy Demands and Impact on Meter Services NEW	10:15am	KENSINGTON B	President: Jeff Lewis (PowerTech); Presenter: Tom Lawton (TESCO) - This is a combined session with the "Management" track.
Management	Increasing Energy Demands and Impact on Meter Services NEW	10:15am	KENSINGTON B	President: Jeff Lewis (PowerTech); Presenter: Tom Lawton (TESCO) - This is a combined session with the "Advanced" track.
Substation & Distribution Equipment-Basic	Microprocessor-Based Relay Testing Principles	10:15am	WINDSOR B	President: Dee Byrd (W.R. Daniel); Presenter: Luke Booth (Schweitzer Engineering Labs)
Substation & Distribution Equipment-Advanced	Troubleshooting Recloser Lockout	10:15am	WINDSOR A	President: John Maclaga (City of Wilson); Presenter: Kiran Ravikumar (Schweitzer Engineering Labs)
Emerging Technologies	In Home Communications: Does it "Matter"?	10:15am	SOMERSET	President: Clare Bargerstock (NOVEC); Presenter: Derl Rhoades (Sensus, a Xylem brand)
Social & Networking	Break	10:45am	KENSINGTON PREFUNCTION	
General Session	Safety: What Have We Forgotten?	11:15am	KENSINGTON ABC	President: Greg Johnson (Alabama Power); Presenter: J.T. Jacobs (Virginia Maryland & Delaware Association of Electric Cooperatives)