

93rd Annual North Carolina Electric Meter School and Grid Technology Conference June 8-12, 2025

Track	Title	Start Time	Location	Description			
Sunday, June 8, 2025							
Social & Networking	Registration Opens	05:00pm	EMBASSY SUITES LOBBY				
Social & Networking	Welcome Social	06:00pm	EXHIBIT HALL				
	Monday, June 9, 2	025					
General Session	Welcome to the School	09:00am	KENSINGTON ABC	Presenter: Greg Johnson (Alabama Power)			
General Session	Presentation of Colors	09:10am	KENSINGTON ABC				
				Presenter: Connie McElroy-Bacon (NC Meter School			
General Session	Opening Comments	09:15am	KENSINGTON ABC	Coordinator)			
				Presenter: Savannah Vince (NC Continuing and			
General Session	Welcome from NC State University Continuing and Lifelong Education	09:30am	KENSINGTON ABC	Lifelong Education)			
				Presenters: Brian Jehle (Inner-Tite Corp.) & Jason			
General Session	Theft and Tampering Awareness Training for Electric Utility Companies	09:45am	KENSINGTON ABC	Parker (Duke Engergy)			
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 Engergy)			
Social & Networking	Lunch	12:00pm	KENSINGTON ABC				
General Session	Hurricane Response	01:00pm	KENSINGTON ABC	Presider: Greg Johnson (Alabama Power)			
Substation & Distribution				Presider: Curtis Craig; Presenter: Court Weathers			
Equipment-Basic	Introduction to Substations I: Equipment	02:00pm	WINDSOR B	(Booth & Associates, LLC)			
Social & Networking	Break	02:30pm	KENSINGTON ABC				
				Presider:Rodney Brown (Dominion Energy);			
Single Phase	History of Electricity Metering	02:45pm	KENSINGTON C	Presenter: Joel Canine (Radian Research)			
				Presider: Chad Cooper (Dominion Engergy);			
Polyphase	Polyphase Meter Applications	02:45pm	KENSINGTON A	Presenter: Michael Corbin (US Electric Solutions)			
				Presider: Josh McDonald (Rappahannock Electric			
Advanced	Quadrant Metering	02:45pm	KENSINGTON B	Coop); Presenter: John Williams (TESCO)			
Substation & Distribution							
Equipment-Advanced	Lightning Round	02:45pm	WINDSOR A	Presider & Presenter: John Maclaga (Wilson Energy)			
		22.45	001150057	Presider: Jason Parker (Duke Engergy); Presenters:			
Emerging Technologies	Microgrids – Powering your world, Sustainably	02:45pm	SOMERSET	Priyanka Kolte & Vincent Duong (ABB Inc.)			
Social & Networking	Visit Vendors	02:45pm	EXHBIT HALL				
Social & Networking	Adjourn/Networking Social	04:00pm	EXHIBIT HALL				
	Tuesday, June 10,	2025					
				Presider: George Leach (NOVEC); Presenter: Will			
Single Phase	Basic Electricity	08:00am	KENSINGTON C	Elliott (Aclara Meters)			
				Presider: Jean Kretzschmar (SAMSCO); Presenter:			
Polyphase	AC Theory	08:00am	KENSINGTON A	John Carter (TEC Powermetrix)			
				Presider: Brandon Carroll (NTS); Presenter: Silvia			
Advanced	Meter Technician's Role in AMI	08:00am	KENSINGTON B	Rodriguez (WeProject, Inc.)			

				Presider: Kenneth McCraw Duke Energy); Presenter:
Management	AMI Deployment Lessons Learned from an Industry Veteran	08:00am	WINDSORC	Scott Mossbrooks (Wesco)
Substation & Distribution				Presider: Preston Fry (RW Chapman); Presenter:
Equipment-Basic	Bushing Current Transformer - Specifying for Metering and Relaying	08:00am	WINDSOR B	Ryan Alkire (GE Vernova)
Substation & Distribution				Presider: Bill Jordan (Booth & Associates);
Equipment-Advanced	Virtualizing Protection and Control	08:00am	WINDSOR A	Presenter: TBA (ABB)
				Presider: Tim Stankiewicz (Fayetteville PWC);
Emerging Technologies	Analytics for Meter Data	08:00am	SOMERSET	Presenter: Zack Horton (Booth & Associates LLC)
				Presider: Karl Repko (Reinhausen Manufacturing);
	Understanding & Refining the Use of SCADA Indication Points in a Modern Electricl			Presenter: Mark Ballentine (McCall Thomas
Engineering	Distribution System	08:00am	HAMPTON	Engineering)
				Presider: Brandon Carroll (NTS); Presenter: Steve
Advanced	Meter Site Design	08:45am	KENSINGTON B	Hudson (TEC Powermetrix)
				Presider: Kenneth McCraw Duke Energy); Presenter:
Management	Maintaining Your AMI System, Best Practices	08:45am	WINDSORC	Silvia Rodriguez (WeProject, Inc.)
Substation & Distribution				Presider: Preston Fry (RW Chapman); Presenter:
Equipment-Basic	Distribution Reclosers & Controls	08:45am	WINDSOR B	Roger Munay (Eaton)
Substation & Distribution				Presider: Bill Jordan (Booth & Associates);
Equipment-Advanced	Protecting Substations from Environmental Issues	08:45am	WINDSORA	Presenter: Ben Ellis (Roxtec)
				Presider: Tim Stankiewicz (Fayetteville PWC);
				Presenter: Wesley Jacobs & Tim Stankiewicz
Emerging Technologies	How Our Utility Handles 5G Antenna Installations and Safety	08:45am	SOMERSET	(Fayettville PWC)
				Presider: Karl Repko (Reinhausen Manufacturing);
				Presenter: Andy Gould (Schweitzer Engineering
Engineering	How does IPSec Encryption Work?	08:45am	HAMPTON	Labs)
				Presider: George Leach (NOVEC); Presenter:
Single Phase	Math for Metering	09:00am	KENSINGTON C	Michael Corbin (US Electric Solutions)
				Presider: Jean Kretzschmar (SAMSCO); Presenter:
Polyphase	Instrument Transformer Basics - Focus on Accurate Metering	09:00am	KENSINGTON A	Ryan Alkire (GE Vernova)
				Presider: Brandon Carroll (NTS); Presenter: Randy
Advanced	Mitigating Risks for an AMI Deployment	09:30am	KENSINGTON B	Campbell (Radian Research)
				Presider: Kenneth McCraw Duke Energy); Presenter:
Management	Leveraging AMI Data to Improve Grid Resiliency while Optimizing the Network	09:30am	WINDSORC	Raymond Kasten (Southwire LLC)
Substation & Distribution				Presider: Preston Fry (RW Chapman); Presenter:
Equipment-Basic	Substation Print Reading	09:30am	WINDSOR B	Kiran Ravikumar (Schweitzer Engineering Labs)
				Presider: Bill Jordan (Booth & Associates);
Substation & Distribution				Presenter: Michael Griffin (Ritz Instrument
Equipment-Advanced	High Voltage Instrument Transformers	09:30am	WINDSOR A	Transformers)
				Presider: Tim Stankiewicz (Fayetteville PWC);
Emerging Technologies	Empowering Utility Workflows, the Benefits and Trends of Mobile Device Options	09:30am	SOMERSET	Presenter: David Schamber (Radian Research)
				Presider: Karl Repko (Reinhausen Manufacturing);
				Presenter: Chris Lowery (Reinhausen
Engineering	The Art of Transformer Care: A Guide for Engineers	09:30am	HAMPTON	Manufacturing)
Social & Networking	Break	10:00am	EXHBIT HALL	
				D : 1 0 . 1 . 1 (110) (EQ) D D
				Presider: George Leach (NOVEC); Presenter: Perry
Single Phase	Single Phase Meter Theory	10:15am	KENSINGTON C	Presider: George Leach (NOVEC); Presenter: Perry Lawton (TESCO)

				Presider: Jean Kretzschmar (SAMSCO); Presenter:
Polyphase	Ratio, Burden, and Admittance Testing	10:15am	KENSINGTON A	John Williams (TESCO)
				Presider: Brandon Carroll (NTS); Presenter: Joel
Advanced	ANSI C12 Changes That May Impact You for 2025 and Beyond	10:30am	KENSINGTON B	Canine (Radian Research)
				Presider: Kenneth McCraw Duke Energy); Presenter:
				Bill Brayden (Brayden Automation Corp/Solid State
Management	KYZ Pulse Metering in the AMI era - New Trends	10:30am	WINDSORC	Instruments)
Substation & Distribution				Presider: Preston Fry (RW Chapman); Presenter: Joe
Equipment-Basic	Regulators - Basic Theory and Operation	10:30am	WINDSOR B	Robb (TMS)
Substation & Distribution				Presider: Bill Jordan (Booth & Associates);
Equipment-Advanced	Update to CIP014-3 Physical Security	10:30am	WINDSOR A	Presenter: Joel Valley (Fayetteville PWC)
				Presider: Tim Stankiewicz (Fayetteville PWC);
Emerging Technologies	Unlocking the Power of AMI with Analytics	10:30am	SOMERSET	Presenter: Shane Powell (Alabama Power)
				Presider: Karl Repko (Reinhausen Manufacturing);
Engineering	Utilizing Advanced Analytics for Reliability Analysis	10:30am	HAMPTON	Presenter: Michael F. Watson (Empiric, LLC)
				Presider: George Leach (NOVEC); Presenter: Tom
Single Phase	Watthour Meter Principles and Components	11:00am	KENSINGTON C	Van Valkenburg (Radian Research)
				Presider: Jean Kretzschmar (SAMSCO); Presenter:
Polyphase	Current Transformer Basics	11:00am	KENSINGTON A	Jon Rennie (Peak Demand Inc.)
				Presider: Brandon Carroll (NTS); Presenter: Ryan
Advanced	Finding Lost Revenue Via Meter Site Analysis (Fun with Vectors!)	11:15am	KENSINGTON B	Moffitt (Radian Research)
				Presider: Kenneth McCraw Duke Energy); Presenter:
Management	Making the AMI Case for Small Utilities	11:15am	WINDSORC	Jon Scott (TESCO)
Substation & Distribution				Presider: Preston Fry (RW Chapman); Presenter: Joe
Equipment-Basic	Regulators - Maintenance	11:15am	WINDSOR B	Robb (TMS)
11.1.				
Substation & Distribution				Presider: Bill Jordan (Booth & Associates);
Equipment-Advanced	Dashboard Analytics for Substation Inspections	11:15am	WINDSOR A	Presenter: Dr Nand Singh (MinMax Technologies)
Equipment /tavanooa	Businessia Amarytiss for substantism mopeotisms	11.100111	**************************************	Presider: Tim Stankiewicz (Fayetteville PWC);
Emerging Technologies	The Value of DER/Distribution Management Leveraging Metering	11:15am	SOMERSET	Presenter: Mike Vecchi (Landis+Gyr)
Emerging recimotogics	The value of Deliv Distribution Flandgement Edveraging Fretering	11.104111	COTTENDET	Tresenter. Tilke Vecenii (Editais - Gyr)
				Presider: Karl Repko (Reinhausen Manufacturing);
				Presenter: David Evans (NC Board of Examiners for
				Engineers and Surveyors) - Earn one credit hour
Enginooring	Engineering Ethics	11:15am	HAMPTON	toward your annual ethics training with this session.
Engineering			HAMPION	toward your annual ethics training with this session.
Social & Networking	Lunch	12:00pm		
				Parish Pilliant (Parish Marianta II O)
Cingle Dhoos	Introduction to Wetthour Motor Teating	04.00	KENCINCTON O	Presider: Bill Hardy (Power Measurements, LLC);
Single Phase	Introduction to Watthour Meter Testing	01:00pm	KENSINGTON C	Presenter: Jonathan Sowders (TEC Powermetrix)
				Provident Ford Lawre (OF)
		0	WENGINGTS::-	Presider: Frank Lopez (GE Instrument Transformers);
Advanced	AMI, Leveraging the Investment	01:00pm	KENSINGTON B	Presenter: Jerry Smith (Dominion)
				Presider: Silvia Rodriguez (WeProject, Inc.);
Management	Mitigating Risks for an AMI Deployment	01:00pm	WINDSORC	Presenter: Randy Campbell (Radian Research)
Substation & Distribution				Presider: Dee Byrd (W.R. Daniel); Presenter: Luke
Equipment-Basic	Introduction to Distribution Reclosing	01:00pm	WINDSOR B	Booth (Schweizer Engineering Labs)
		·		<u> </u>
Substation & Distribution				Presider: Rick Anderson (Retired); Presenter: Kiran
Cabotation a Biotribation				
Substation & Distribution Equipment-Basic	. ,	·		Presider: Dee Byrd (W.R. Daniel); Presenter: Luke Booth (Schweizer Engineering Labs)
Cabotation a Biotribation				(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Emerging Technologies	Impacts of Residential EV Charging on Utility Operations	01:00pm	SOMERSET	Presider: Christine Cole (ITRON); Presenter: Eric Lambert (Aclara Meters)
				Presider: Brian Jehle (Innertite); Presenter: David Evans (NC Board of Examiners for Engineers and Surveyors) - Earn one credit hour toward your annual
Engineering	Engineering Ethics	01:00pm	HAMPTON	ethics training with this session.
Advanced	Enabling Affordable DER Interconnection via Meter Socket Adapters	01:45pm	KENSINGTON B	Presider: Frank Lopez (GE Instrument Transformers); Presenter: Dan Falcone (ConnectDER)
Management	Planning for Maximizing the Value of Smart Grid Investments	01:45pm	WINDSOR C	Presider: Silvia Rodriguez (WeProject, Inc.); Presenter: Joshua Pepple (NRTC)
Substation & Distribution	r talling for Flaximizing the value of Smart Orio investments	01.45pm	WINDSOILO	Presider: Dee Byrd (W.R. Daniel); Presenter: Luke
Equipment-Basic	Introduction to Differential Protection	01:45pm	WINDSOR B	Booth (Schweizer Engineering Labs)
Substation & Distribution	introduction to Differential Florection	01.45pm	WINDSOND	Presider: Rick Anderson (Retired); Presentesr:
	Unlock the Dower of Digital Cubatations	01:4Epm	MINDSOD A	
Equipment-Advanced	Unlock the Power of Digital Substations	01:45pm	WINDSORA	Vincent Duong & Priyanka Kolte (ABB Inc.) Presider: Christine Cole (ITRON); Presenter: Jim
For a weight of Tarabana landing	Vegetation Management – More Than Imagery, Technologies for Enhancing Veg Managemen		COMEDCET	
Emerging Technologies	Programs to Protect the Grid	01:45pm	SOMERSET	Baehr (Electrical Grid Monitoring)
F. do do	DOT	04.45	LIAMBTON	Presider: Brian Jehle (Innertite); Presenter: Joel
Engineering	DC Traceability	01:45pm	HAMPTON	Canine (Radian Research)
Social & Networking	Visit Vendors	02:00pm	EXHBIT HALL	
Polyphase	ANSI Meter Forms and Wiring Diagrams	02:15pm	KENSINGTON A	Presider: Jean Kretzschmar (SAMSCO); Presenter: John Williams (TESCO)
Management	Modernizing the Grid by Harnessing the Power of Data.	02:45pm	WINDSOR C	Presider: Silvia Rodriguez (WeProject, Inc.); Presenter: John O'Leary (Tantalus)
Substation & Distribution Equipment-Basic	Introduction to Substations II: Protection	02:45pm	WINDSOR B	Presider: Dee Byrd (W.R. Daniel); Presenter: Court Weathers (Booth & Associates, LLC)
Substation & Distribution				Presider: Rick Anderson (Retired); Presenter: Trisha
Equipment-Advanced	Perimeter Security Design, Barriers, Procedures, Evolving Solutions Incorporating ASTM	02:45pm	WINDSORA	Hunt (Amico Security)
Emerging Technologies	Deploying of a PLTE Utility Communications Network	02:45pm	SOMERSET	Presider: Christine Cole (ITRON); Presenter: Hernan Nucci (Wesco)
Engineering	Potential Use Cases for BESS in Public Power: Advantages and Challenges	02:45pm	HAMPTON	Presider: Brian Jehle (Innertite); Presenter: TBA (Hitachi Engergy)
	<u> </u>	•		Ametek - Kensington B
				Electro Industries - Eton
				Satec - Oxford
				Transdata - Pembroke
				Schneider - Winchester
Advanced	Programming Meters	03:00pm	KENSINGTON B	SEL - Harrow
Social & Networking	Break	03:00pm	EXHBIT HALL	
		•		Presider: Bill Hardy (Power Measurements, LLC);
Single Phase	Hands-On: Meter Testing and Site Testing	03:15pm	KENSINGTON C	Presenter: Harold Kennedy (TESCO)
<u> </u>				Presider: Silvia Rodriguez (WeProject, Inc.);
Management	Case Study—Switching Between the Grid and Backup Power	03:30pm	WINDSORC	Presenter: John Williams (TESCO)
Substation & Distribution	case staa, omtoning bothoon the one and buokup i one	30.00piii		Presider: Rick Anderson (Retired); Presenter: Dusty
Equipment-Advanced	Automated line and maintainence patrol using vehicle-mounted infrared camera systems	03:30pm	WINDSOR A	Birge (Fast Forward)
Equipment Auvanceu	naternated and and maintainence parter using venicue-mounted initiated calleta systems	00.00piii	MINDOONA	Siigo (i doci orwaid)
				Presider: Christine Cole (ITRON); Presenter: Andy
Emerging Technologies	Fiber Optic Infrastructure & Technologies	03:30pm	SOMERSET	Gibson & Joe Phillips (S&N Communications)
	,	× p		h - /

				Presider: Brian Jehle (Innertite); Presenter: Karl
Engineering	Transformer Life Extension Thru LTC Retrofit.	03:30pm	HAMPTON	Repko (Reinhausen Manufacturing)
				Presider: Jean Kretzschmar (SAMSCO); Presenter:
Polyphase	Practical Use of Vectors	03:45pm	KENSINGTON A	Will Elliott (Aclara Meters)
Social & Networking	Adjourn/Networking Social	04:15pm	EXHIBIT HALL	
	Wednesday, Ju	ine 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
				Presider: 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
				Presider: Jean Kretzschmar (SAMSCO); Presenter:
Advanced	Functional Testing: The New Face of Meter Testing NEW	08:00am	KENSINGTON B	John Williams (TESCO)
	<u> </u>			Presider: Steve Cauble (Duke Energy); Presenter:
Management	Cyber Security for Metering and Distribution	08:00am	WINDSORC	James Tramel (TESCO)
Substation & Distribution				Presider: Daniel Dye (NTS); Presenter: Michael
Equipment-Basic	Sizing Instrument Transformers for the Most Accurate Metering Performance.	08:00am	WINDSOR B	Griffin (Ritz Instrument Transformers)
				,
Substation & Distribution				Presider: Court Weathers (Booth & Associates);
Equipment-Advanced	Electric Vehicle Impacts to the Distribution System	08:00am	WINDSOR A	Presenter: Brad Carroll (DRG Technical Solutions)
	2.000.10 vollido impacto to tilo 2.001.200.00	00.000	***************************************	Presider: Christine Cole (ITRON); Presenter: Mike
Emerging Technologies	AMI 2.0+ Protecting core utility operations	08:00am	SOMERSET	Vecchi (Landis+Gyr)
	7 ii 210 Trotocani 6 coro dataty oporationo	001000	0011211021	Presider: Jean Kretzschmar (SAMSCO);
Advanced	Site Inspections - Looking for Dangerous Installations and Incorrect Billing	08:45am	KENSINGTON B	Presenter:Tom Lawton (TESCO)
	Cite inspections 200 km g for 2 angles out installations and inscribed 2 km g	001104		r receive mem zamen (r 2000)
				Presider: Steve Cauble (Duke Energy); Presenter:
Management	Safety in Field Metering Equipment	08:45am	WINDSORC	Jonathan Sowders (TEC Powermetrix)
Substation & Distribution	carety in those the carety and the c	001104	***************************************	Presider: Daniel Dye (NTS); Presenter: Nathaniel
Equipment-Basic	Metering Different Bus Arrangements	08:45am	WINDSOR B	Dunn (Schneider Electric)
Equipment Busic	Tiocomia Burotone Buo Antangonione	00.400111	Wildoons	Dum (Comolect Electro)
Substation & Distribution				Presider: Court Weathers (Booth & Associates);
Equipment-Advanced	Digital Secondary Substations - A Practical Analysis	08:45am	WINDSORA	Presenter: Derrick Wood (Booth & Associates)
	2.6.tat ecocitaan, cascatanie /// tacticat/inat, cic	001104	***************************************	Presider: Christine Cole (ITRON); Presenter: Bryan
Emerging Technologies	AMI At Light Speed Leveraging Fiber Back-haul for AMI	08:45am	SOMERSET	Seal (ITRON)
Emerging recimience	74 H74 EISH Opeca Eoveraging Hoor Back Haat 10774 H	00.404111	COLIENCE	out (mon)
				Presider: Jean Kretzschmar (SAMSCO); Presenter:
Advanced	Improving Meter Shop Efficiency	09:30am	KENSINGTON B	Randy Campbell (Radian Research)
		\$5.00uiii		. iditaj odinpsok (riddidir riddodron)
				Presider: Steve Cauble (Duke Energy); Presenter:
Management	Equipment and Instrumentation Repair Tracking Management	09:30am	WINDSOR C	David Schamber (Radian Research)
Substation & Distribution	Equipment and modamentation repair Hacking Planagement	00.000111	MINDOONO	Presider: Daniel Dye (NTS); Presenter: Bill Jordan
Equipment-Basic	Sizing Distribution Transformers for C&I Customers	09:30am	WINDSOR B	(Booth and Associates LLC)
Substation & Distribution	Orang Distribution numbronners for our oustofficis	09.000111	WINDOOND	(DOOR!) and Associates ELO)
Equipment-Advanced	Visit Vendors	09:30am	WINDSOR A	
Lquipinent-Auvanceu	AIDIT AGUINO19	บฮ.อบสเป	WIINDOON A	

Automated Load Chadding Annyasahas	00,200,000	COMERCET	Presider: Christine Cole (ITRON); Presenter: Andy
			Gould (Schweitzer Engineering Labs)
Dieak	09.454111	KENSINGTON C	Aclara-Kensington C
			Itron - Eton
			L&G - Oxford
Programming Matars, Sassian 2	10:00am	KENSINGTON C	Honeywell-Kensington A Sensus-Harrow
Flogramming Meters-Session 2	10.00aiii	REINSTINGTON C	
			Kensington C
			Itron - Eton
Duran was a Markon Constant	40.00	I/ENGINOTON A	L&G - Oxford
Programming Meters-Session 2	10:00am	KENSINGTON A	Honeywell-Kensington A Sensus-Harrow
			Presider: Jean Kretzschmar (SAMSCO); Presenter:
ANSI Standards: A new generation of standards is coming	10:30am	KENSINGTON B	Bill Hardy (Power Measurements LLC - retired)
			Presider: Steve Cauble (Duke Energy); Presenter:
Fair Value of DER's on Utility Distribution Networks	10:30am	WINDSOR C	Robbie Astrop (Electric Power Engineers
			Presider: Daniel Dye (NTS); Presenter: Joe Robb
Recloser - Basic Theory and Operation	10:30am	WINDSOR B	(TMS)
			Presider: Court Weathers (Booth & Associates);
Substation Oil Containment Through the Years	10:30am	WINDSORA	Presenter: Bill Gannon (SPI)
			Dracidary Christina Cala (ITDON), Pragantary Viran
High Danait, Ocaadination with Ocaanon is attended	10.00	COMERCET	Presider: Christine Cole (ITRON); Presenter: Kiran
High Density Coordination with Communications	10:30am	SUMERSEI	Ravikumar (Schweitzer Engineering Labs)
Legenne Legenned from AMI Deployments and Accet Management Deadings	11:1Eam	VENCINCTON D	Presider: Jean Kretzschmar (SAMSCO); Presenter:
Lessons Learned nom AMI Deployments and Asset Management Readiness	11.15dill	KENSINGTON B	Jon Scott (TESCO) Presider: Steve Cauble (Duke Energy); Presenter:
Power Quality Analysis	11:15am	WINDSODC	Nick Nakamura (PowerSide)
Fower Quality Analysis	11.154111	WINDSONG	Presider: Daniel Dye (NTS); Presenter: Joe Robb
Paclosar - Maintenance	11·15am	WINDSOR R	(TMS)
nectoser - traintenance	11.154111	WINDOOND	(11-10)
			Presider: Court Weathers (Booth & Associates);
Overvoltage Protection of Underbuild Distribution	11:15am	WINDSOR A	Presenter: Court Weathers (Booth & Associates)
5			Presider: Christine Cole (ITRON); Presenter: TBA
Leveraging Artificial Intelligence and Machine Learning for Fault Prediction	11:15am	SOMERSET	(ABB)
Lunch	12:00pm	KENSINGTON C	
			Presider: Frank Lopez (GE Instrument Transformers)
	01:00pm	KENSINGTON C	Presenter: Perry Lawton (TESCO)
			Durasida y Lacabi Conitto (NTC), Duras y tany Bill Duras da
KV7 Dulco Motoring	01.000	VENCINCTON A	Presider: Jacobi Smith (NTS); Presenter: Bill Brayder
KYZ Pulse Metering	01:00pm	KENSINGTON A	(Brayden Automation Corp/Solid State Instruments)
			Presider: Mike Doggett (Chapman Company);
Testing High Revenue Meters	01:00pm	KENSINGTON B	
Testing High Revenue Meters	01:00pm	KENSINGTON B	Presider: Mike Doggett (Chapman Company); Presenter: David Schamber (Radian Research) Presider: Christine Cole (Itron); Presenter: Tom
Testing High Revenue Meters Meter Service Shops of the Future	01:00pm 01:00pm		Presenter: David Schamber (Radian Research) Presider: Christine Cole (Itron); Presenter: Tom
	·	KENSINGTON B WINDSOR C	Presenter: David Schamber (Radian Research)
	·		Presenter: David Schamber (Radian Research) Presider: Christine Cole (Itron); Presenter: Tom Lawton (TESCO)
	Fair Value of DER's on Utility Distribution Networks Recloser - Basic Theory and Operation Substation Oil Containment Through the Years High Density Coordination with Communications Lessons Learned from AMI Deployments and Asset Management Readiness Power Quality Analysis Recloser - Maintenance Overvoltage Protection of Underbuild Distribution Leveraging Artificial Intelligence and Machine Learning for Fault Prediction Lunch	Programming Meters-Session 2 10:00am Programming Meters-Session 2 10:00am ANSI Standards: A new generation of standards is coming 10:30am Fair Value of DER's on Utility Distribution Networks 10:30am Recloser - Basic Theory and Operation 10:30am Substation Oil Containment Through the Years 10:30am High Density Coordination with Communications 10:30am Lessons Learned from AMI Deployments and Asset Management Readiness 11:15am Power Quality Analysis 11:15am Recloser - Maintenance 11:15am Covervoltage Protection of Underbuild Distribution 11:15am Leveraging Artificial Intelligence and Machine Learning for Fault Prediction 11:15am Lunch 01:00pm	Break 09:45am KENSINGTON C Programming Meters-Session 2 10:00am KENSINGTON C Programming Meters-Session 2 10:00am KENSINGTON A ANSI Standards: A new generation of standards is coming 10:30am KENSINGTON B Fair Value of DER's on Utility Distribution Networks 10:30am WINDSOR C Recloser - Basic Theory and Operation 10:30am WINDSOR B Substation Oil Containment Through the Years 10:30am WINDSOR A High Density Coordination with Communications 10:30am SOMERSET Lessons Learned from AMI Deployments and Asset Management Readiness 11:15am KENSINGTON B Power Quality Analysis 11:15am WINDSOR C Recloser - Maintenance 11:15am WINDSOR B Overvoltage Protection of Underbuild Distribution 11:15am SOMERSET Leveraging Artificial Intelligence and Machine Learning for Fault Prediction 11:15am SOMERSET Lunch 01:00pm KENSINGTON C

Substation & Distribution				Presider: Dee Byrd (W.R. Daniel); Presenter: Kiran
Equipment-Advanced	Event Analysis Advanced	01:00pm	WINDSORA	Ravikumar (Schweitzer Engineering Labs)
				Presider: James Tramal (TESCO); Presenter: Joshua
Emerging Technologies	Planning and preparing: Putting the right resources in place before we need them	01:00pm	SOMERSET	Pepple (NRTC)
				Presider: Mike Doggett (Chapman Company);
Advanced	Time of Use and Load Profile	01:45pm	KENSINGTON B	Presenter: Bryan Seal (Itron)
				Presider: Christine Cole (Itron); Presenter: James
Management	Why Grid Reliability Demands New Approaches and Tools	01:45pm	WINDSORC	Hobbs (Safegrid Oy)
	· · · · · · · · · · · · · · · · · · ·	·		Presider: Court Weathers (Booth & Associates);
Substation & Distribution				Presenter: Andy Gould (Schweitzer Engineering
Equipment-Basic	Introduction to DNP3 Protocol	01:45pm	WINDSOR B	Labs)
Substation & Distribution				Presider: Dee Byrd (W.R. Daniel); Presenter: Mark
Equipment-Advanced	Critical Load Monitoring Through Transformers	01:45pm	WINDSORA	French (Ubicquia)
Equipment Advanced	Onticut Education Inclined Introduction Inclined	01.40pm	WINDOON	Trenen (obioquiu)
				Presider: James Tramal (TESCO); Presenter: Bill
Emerging Technologies	EV Charging: 30kW to 30MW	01:45pm	SOMERSET	Hardy (Power Measurements LLC - retired)
		•		Hardy (Power Measurements LLC - Tettied)
Social & Networking	Break	02:00pm	KENSINGTON C	
				Describer French Leave (OF) and the second Transfer (Company)
0: 4 5		00.45	WENGHIOTON 0	Presider: Frank Lopez (GE Instrument Transformers);
Single Phase	Instrument Transformer Basics - Understanding All Nameplate Ratings.	02:15pm	KENSINGTON C	Presenter: Ryan Alkire (GE Vernova)
				Presider: Jacobi Smith (NTS); TEC Powermetrix -
				Kensington A
				Radian - Harrow
				TESCO - Eton
Polyphase	Hands-on Testing-Powermetrix	02:15pm	KENSINGTON A	Probewell - Oxford
				Presider: Mike Doggett (Chapman Company);
Advanced	Modernizing Meter Shops with Software Workflows	02:45pm	KENSINGTON B	Presenter: Tom Van Valkenburg (Radian Research)
				Presider: Christine Cole (Itron); Panelists: Jeff Lewis
				(PowerTech), Duke Rep Dominion Rep, Clare
				Bargerstock (NOVEC), & Josh McDonald
Management	Panel Discussion - Data Center Impacts	02:45pm	WINDSOR C	(Rappannock Electric Coop)
Substation & Distribution	·			Presider: Court Weathers (Booth & Associates);
Equipment-Basic	IEEE 837 Standard for Qualifying Permanent Connections used in Substation Grounding	02:45pm	WINDSOR B	Presenter: Dan Holm (nVent)
		•		· , ,
Substation & Distribution				Presider: Dee Byrd (W.R. Daniel); Presenter: Kiran
Equipment-Advanced	Fast Bus Tripping	02:45pm	WINDSORA	Ravikumar (Schweitzer Engineering Labs)
	, and an			Presider: James Tramal (TESCO); Presenter: Jon
Emerging Technologies	Pros and Cons of Cellular AMI, RF, and Power Line Carriers	02:45pm	SOMERSET	Scott (TESCO)
Emerging reemiotogies	1 103 dila 00113 di Octada 71 11, 111 ; and 1 Ower Ellie Outhors	02.40pm	COLIENCE	00011(12000)
				Presider: Frank Lopez (GE Instrument Transformers);
Single Phase	Introduction to Vector Diagrams	03:15pm	KENSINGTON C	Presenter: John Carter (TEC Powermetrix)
Single i nase	introduction to vector biagrams	03.13pm	RENSINGTON C	Presider: Mike Doggett (Chapman Company);
Advanced	Now ANCI Standard and Application in the Field NEW	00.000	VENICINICTON D	55 (1 1 7/
Advanced	New ANSI Standard and Application in the FieldNEW	03:30pm	KENSINGTON B	Presenter: Tom Lawton (TESCO)
Substation & Distribution	Distribution Automotion and ELICD	00.00	WINDCOD A	Presider: Dee Byrd (W.R. Daniel); Presenter: Andy
Equipment-Advanced	Distribution Automation and FLISR	03:30pm	WINDSORA	Gould (Schweitzer Engineering Labs)
				Presider: James Tramal (TESCO); Presenter: Alnoor
Emerging Technologies	From Hype to Reality: Generative AI's Role in Electric Utility Transformation	03:30pm	SOMERSET	Ebrahim (Southern Cross Inc.)
Social & Networking	Networking Social	06:00pm	SOMERSET PREFUNCTION	

Social & Networking	Banquet	07:00pm	KENSINGTON BALLROOM	
	Thursday, June 12,	2025		
				Presider: Scott Finley (NTS); Presenter: Mark Barker
Single Phase	Introduction to Self Contained Meter Sockets	08:00am	KENSINGTON C	(The Durham Company)
				Presider: Greg Johnson (Alabama Power); Presenter:
Polyphase	Detecting False Energy Metering	08:00am	KENSINGTON A	Luke Booth (Schweitzer Engineering Laboratories)
Polyphase	Detecting raise Energy metering	06.00aiii	RENSINGTON A	Luke Booth (Schweitzer Engineering Laboratories)
				Presider: Jeff Lewis (PowerTech); Presenter: Joel
				Canine (Radian Research) - This is a combined
Advanced	ANSI C12 Changes That May Impact You for 2025 and Beyond	08:00am	KENSINGTON B	session with the "Management" track.
				Presider: Jeff Lewis (PowerTech); Presenter: Joel
				Canine (Radian Research) - This is a combined
Management	ANSI C12 Changes That May Impact You for 2025 and Beyond	08:00am	KENSINGTON B	session with the "Advanced" track.
Substation & Distribution	·			Presider: Dee Byrd (W.R. Daniel); Presenter: Bill
Equipment-Basic	Key Elements of Distribution Design (NESC)	08:00am	WINDSORB	Jordan (Booth & Associates)
				Presider: John Maclaga (City of Wilson); Presenter:
Substation & Distribution				Wesley Schrom PE (Carolina Dielectric Maintenance
Equipment-Advanced	Effect of Grounding on Sweep Frequency Response Analysis C57.149	08:00am	WINDSOR A	Testing Co)
				Presider: Clare Bargerstock (NOVEC); Presenter: Jim
Emerging Technologies	Updating Utility Maintenance at The Grid Edge	08:00am	SOMERSET	Fisher (ITRON)
				Dragidary leff Lauria (Dauss Task): Draggette at Name
				Presider: Jeff Lewis (PowerTech); Presenter: Nora
Advancad	DER Installations & Customer Experience	08:45am	KENSINGTON B	Lardner (ConnectDER & SunRun) - This is a
Advanced	DENTIFISIONALUM & CUSTOMET EXPENSIVE	00.43dIII	KENSINGTON D	combined session with the "Management" track.
				Presider: Jeff Lewis (PowerTech); Presenter: Nora
				Lardner (ConnectDER & SunRun) - This is a
Management	DER Installations & Customer Experience	08:45am	KENSINGTON B	combined session with the "Advanced" track.
Substation & Distribution				Presider: Dee Byrd (W.R. Daniel); Presenter: Matt
Equipment-Basic	Arc Flash Analysis and Why You Care	08:45am	WINDSOR B	Ward (McCall-Thomas Engineering)
Substation & Distribution	•			Presider: John Maclaga (City of Wilson); Presenter:
Equipment-Advanced	Using Mobile DGA to Safeguard Equipment and Personnel	08:45am	WINDSORA	Lee Doyle (Vaisala)
				Presider: Clare Bargerstock (NOVEC); Presenters:
				Andy Gibson & Mark Boxer (S&N Communications /
Emerging Technologies	Fiber Optic Sensing Applications	08:45am	SOMERSET	OFS Optics)
	Single Phase Meter Theory: Energy/Power, Power Triangle, Single Phase Self Contained Mete	er		Presider: Scott Finley (NTS); Presenter: Bryan Seal
Single Phase	Forms	09:00am	KENSINGTON C	(ITRON)
		<u> </u>		Presider: Greg Johnson (Alabama Power); Presenter:
Polyphase	In Service Testing Problems and Processes	09:00am	KENSINGTON A	Ryan Moffitt (Radian Research)
				Presider: Jeff Lewis (PowerTech); Presenter: Serena
	T. () () () () () () () () () (00.05	(/FNON.OTO): 5	Kim (NC State University) - This is a combined
Advanced	Transforming Vehicle-to-Grid Challenges into Opportunities	09:30am	KENSINGTON B	session with the "Management" track.
				Presider: Jeff Lewis (PowerTech); Presenter: Serena
Managaran	To a family Making to 0 id Okullar making 0	00.00	KENDINIOTON: S	Kim (NC State University) - This is a combined
Management	Transforming Vehicle-to-Grid Challenges into Opportunities	09:30am	KENSINGTON B	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	WINDCODD	Presider: Dee Byrd (W.R. Daniel); Presenter: Dan Holm (nVent)
	HOTOPTION HOTOPA	UUVVII	WINDSOR B	Holm (n)(ont)

Substation & Distribution				Presider: John Maclaga (City of Wilson); Presenter:
Equipment-Advanced	Primary and Secondary Transformer Cellular based monitoring	09:30am	WINDSORA	JT Thompson (Edge Zero)
				Presider: Clare Bargerstock (NOVEC); Presenters:
Emerging Technologies	Distribution Operation Training Simulator - Overview and Benefits	09:30am	SOMERSET	Parag Parikh & Mike Adams (Hitachi Engergy)
				Presider: Scott Finley (NTS); Presenter: Ryan Moffitt
Single Phase	Street Light Watthour Testing	10:00am	KENSINGTON C	(Radian Research)
				Presider: Greg Johnson (Alabama Power); Presenter:
Polyphase	4 Quadrant Metering	10:15am	KENSINGTON A	Nathaniel Dunn (Schneider Electric)
				Presider: Jeff Lewis (PowerTech); Presenter: Tom
				Lawton (TESCO) - This is a combined session with
Advanced	Increasing Energy Demands and Impact on Meter Services NEW	10:15am	KENSINGTON B	the "Management" track.
				Presider: Jeff Lewis (PowerTech); Presenter: Tom
				Lawton (TESCO) - This is a combined session with
Management	Increasing Energy Demands and Impact on Meter Services NEW	10:15am	KENSINGTON B	the "Advanced" track.
Substation & Distribution				Presider: Dee Byrd (W.R. Daniel); Presenter: Luke
Equipment-Basic	Microprocessor-Based Relay Testing Principles	10:15am	WINDSOR B	Booth (Schweitzer Engineering Labs)
Substation & Distribution				Presider: John Maclaga (City of Wilson); Presenter:
	Troublesheating Declarer Legisout	10:15am	WINDSORA	Kiran Ravikumar (Schweitzer Engineering Labs)
Equipment-Advanced	Troubleshooting Recloser Lockout	10.15diii	WINDSORA	Kilali Kavikullai (Schweitzer Eligineering Labs)
				Presider: Clare Bargerstock (NOVEC); Presenter:
Emerging Technologies	In Home Communications: Does it "Matter"?	10:15am	SOMERSET	Derl Rhoades (Sensus, a Xylem brand)
Social & Networking	Break	10:45am	KENSINGTON PREFUNCTION	
				Presider: Greg Johnson (Alabama Power); Presenter:
				J.T. Jacobs (Virginia Maryland & Delaware
General Session	Safety: What Have We Forgotten?	11:15am	KENSINGTON ABC	Association of Electric Cooperatives)