

Room	Date/Time	Session	Title of Paper	Presenter Name	Presenter Company	Contact Author Full Name	Contact Company	Email	All Authors
Paper Session 1 - General - Eric Udren	Rudder Theatre	8:00AM	Paper Session 1: General I Protection of Wind Electric Plants	Ritwik Chowdhury	Schweitzer Engineering Laboratories, Inc.	Amin Zamani	IEEE Power System Relaying and Control Committee	azamani@quanta-technology.com	Amin Zamani, Quanta Technology, Martin Best, Pike Engineering, Ritwik Chowdhury, Schweitzer Engineering Laboratories, Frank Gottle, NEE Engineering, Steve Klecker, MidAmerican Energy, Yuan Liao, University of Kentucky, Rene Midence, Systems with Intelligence, Dean Miller, POI Engineering, Jim van de Ligt, Spark Power
		8:45AM	Paper Session 1: General I Detection of Sub-Synchronous Control Interaction Oscillations Near Renewable Generation and HVDC	Matthew Leyba	GE Vernova	Ilija Voloh	GE Vernova	ili.voloh@ge.com	Ilija Voloh, Ali Aziz, Zhiyang Zhang - GE Vernova
		9:20AM	Paper Session 1: General I Detecting and Isolating Falling Conductors in Midair—First Field Implementation on Double-Phase Distribution Circuits	Charlie Cerezo; Rohit Sharma	San Diego Gas & Electric; Schweitzer Engineering Laboratories, Inc.	Tanushri Doshi	Schweitzer Engineering Laboratories, Inc.	papers@selinc.com	Tanushri Doshi, Rohit Sharma, Joe Stanley, and David Almdarez (Schweitzer Engineering Laboratories, Inc.) and Charlie Cerezo (San Diego Gas & Electric)
		9:55AM	Break	Break	Break	Break	Break	Break	Break
		10:15AM	Paper Session 1: General I Digital Substation Application Concepts for IBER Renewable Energy Plants	Mike Ramlachan	GE Vernova	Wayne Hartmann	GE Vernova	wayne.hartmann@ge.com	Wayne Hartmann - GE Vernova
		10:50AM	Paper Session 1: General I Line Protection Operate Time: Speed vs. Circuit Breaker Wear, Power System Stability and Protection Security	Mike Kockott	Hitachi Energy	Mike Kockott	Hitachi Energy	mike.kockott@hitachi-energy.com	Sniria Zubi and Zoran Gajic, Hitachi Energy, Sweden; O.D. Naidu, Hitachi Energy, India; Mike Kockott, Hitachi Energy, USA
		11:25AM	Paper Session 1: General I Development and Implementation of Short Circuit Models for Wind Turbine Generators	Sukumar M Brahma	Clemson University	Sukumar M Brahma	Clemson University	sbrahma@clemson.edu	Sukumar Brahma, Clemson University; Dongfang Farantatos, EPRI; Yazid Alkhalmeen, Siemens Industry Inc.; Sandro Aquino-Peres, Siemens Industry Inc.; Sherman Chan, ASPEN Inc.; Alla Deronja, American Transmission Company; Aboutaleb Haddadi, EPRI; Donald MacGregor, Siemens Industry Inc.; Dean Miller, POI Engineering; Mohammad Zadeh, ETAP; Ritwik Chowdhury, SEI Inc.; Yuan Liao, University of Kentucky; Manish Patel, Southern Company.
	12:00PM	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	
Paper Session 2 - Distribution - Vinod Sekhar	Memorial Student Center 2400	1:30PM	Paper Session 2: Distribution A Voltage-Controlled Overcurrent based Adaptive Protection Scheme for Microgrids	Tapas Kumar Barik	Electric Power Research Institute (EPRI)	Aaditya Padmanabhan	Electric Power Research Institute (EPRI)	apadmanabhan@epri.com	Aaditya Padmanabhan (EPRI), Tapas Kumar Barik (EPRI), Sean McGuinness (EPRI Europe DAC), Moolajali Bello (EPRI), Amin Zamani (Quanta Technology LLC)
		2:00PM	Paper Session 2: Distribution Optimized Distribution Protection & Control - Adventures in Digital Substation Centralization	Ram Palaniappan	GE Vernova	Wayne Hartmann	GE Vernova	wayne.hartmann@ge.com	Wayne Hartmann, Craig Wester - GE Vernova
		2:30PM	Paper Session 2: Distribution Solving Complex Feeder Protection Challenges and Reducing Wildfire Risks With Remote Measurements	Bogdan Kasztenny	Schweitzer Engineering Laboratories, Inc.	Bogdan Kasztenny	Schweitzer Engineering Laboratories, Inc.	bogdan_kasztenny@selinc.com	Bogdan Kasztenny, Schweitzer Engineering Laboratories, Inc.; Steven Blair, Neil Gordon, Philip Orr, and Campbell D. Booth, Synaptex Ltd.
		3:00PM	Break	Break	Break	Break	Break	Break	Break
		3:30PM	Paper Session 2: Distribution 20 Years of Reliable Service: Revisiting a Distribution Automation Scheme After 2 Decades	Greg Hataway; Dustin McNeely	Burns and McDonnell; Coveta-Fayette EMC	Greg Hataway	Burns & McDonnell	gshataway@burnsd.com	Greg Hataway, Burns and McDonnell; Chris Stephens, Coveta-Fayette EMC; Dustin McNeely, Coveta-Fayette EMC; Brian Grace, Burns and McDonnell; Brett Cockerham, Burns and McDonnell
		4:00PM	Paper Session 2: Distribution Slingshot Disconnection I Understanding the effect of disconnecting an un-stabilized, ungrounded source	Sebastian Billaut	Commonwealth Associates, Inc.	Sebastian Billaut	Commonwealth Associates, Inc.	Sebastian.Billaut@cal-engr.com	Sebastian Billaut - Commonwealth Associates; Joseph Johnson - Commonwealth Associates; James Steele - Commonwealth Associates; Koustubh Banerjee - Eversource Energy; Steve Miller - Energy Emissions Intelligence
		4:30PM	Paper Session 2: Distribution Grid-Parallel and Islanding Operation Challenges of a Large Battery Energy Storage System at Cape Cod	Fred Amuna; Emmanuel Revi	Schweitzer Engineering Laboratories, Inc.; Eversource Energy	Ahmed Abd Elkader	Schweitzer Engineering Laboratories, Inc.	papers@selinc.com	Emmanuel Revi, George Wagh, Stewart Hollis (Eversource Energy) and Ahmed Abd-Elkader, Fred Amuna, and Ron Vo (Schweitzer Engineering Laboratories, Inc.)
Paper Session 3 - Transmission I - Benton Vandiver	Memorial Student Center 2405A	1:30PM	Paper Session 3: Transmission I Review of SIR Calculations for Distance Protection and Considerations for Inverter-Based Resources	Ritwik Chowdhury	Schweitzer Engineering Laboratories, Inc.	Ritwik Chowdhury	Schweitzer Engineering Laboratories, Inc.	papers@selinc.com	Ritwik Chowdhury (Schweitzer Engineering Laboratories, Inc.) and Douglas Taylor (Avista Utilities)
		2:00PM	Paper Session 3: Transmission I Automated Solutions and Remote Settings Changes - AEP's Approach to Implementing PRC-027-1	Nelson Doe	American Electric Power	Jeff Iler	American Electric Power	jiiler@aep.com	Jeff Iler, Nelson Doe, Manish Thakur (American Electric Power)
		2:30PM	Paper Session 3: Transmission I Securing Line Current Differential on Multiplexed Communication Channels	Craig Wester	GE Vernova	Craig Wester	GE Vernova	craig.wester@ge.com	Craig Wester, Mike Ramlachan - GE Vernova, Jamie Segara - Orlando Utilities Commission
		3:00PM	Break	Break	Break	Break	Break	Break	Break
		3:30PM	Paper Session 3: Transmission I Cross differential protection - what it is and why do we need it	Alexander Apostolov	OMICRON electronics	Alexander Apostolov	OMICRON electronics	alex.apostolov@omicronenergy.com	Alexander Apostolov, OMCRON electronics
		4:00PM	Paper Session 3: Transmission I Generation Line-Tap Connection Impact on Transmission Ground Fault Protection	Sarat Chandra Vegunta	Siemens Industry, Inc.	Sarat Chandra Vegunta	Siemens Industry, Inc.	Chandra.Vegunta@siemens.com	Sarat Chandra Vegunta, Siemens Industry, Inc.
Paper Session 4 - Protection & Control System Design I - Eduardo Colmaneres	Memorial Student Center 2406B	1:30PM	Paper Session 4: Protection & Control System Design I Protection System Redundancy Criteria for NERC TPL-001.5	Scott Hayes	Pacific Gas and Electric	Scott Hayes	Pacific Gas and Electric	scott.hayes@pge.com	Scott Hayes and Davis Erwin, Both of Pacific Gas and Electric Company.
		2:00PM	Paper Session 4: Protection & Control System Design I Advancements in Relay Contact Output Self-Testing and Trip Circuit Monitoring Capabilities	Brandon Nafinger	Schweitzer Engineering Laboratories, Inc.	Austin Wade	Schweitzer Engineering Laboratories, Inc.	papers@selinc.com	Austin Wade, Jordan Bell, David Schmidt, and Brandon Nafinger (Schweitzer Engineering Laboratories, Inc.)
		2:30PM	Paper Session 4: Protection & Control System Design I Practical Approaches for the Digital Twin Representation of Protection & Control Systems	Linda Zhao; Mehرداد Chaparhi	Hydro One Networks Inc.; Quanta Technology	Linda Zhao; Daniyal Qureshi	Hydro One Networks Inc.	daniyal.qureshi@hydroone.com	Yilin Zhao (Hydro One Networks Inc.), Daniyal Qureshi (Hydro One Networks Inc.), Suzana Arbana (Hydro One Networks Inc.), Tim Chang (Quanta Technology), Mehرداد Chaparhi (Quanta Technology), Jorge Velaz (Quanta Technology)
		3:00PM	Break	Break	Break	Break	Break	Break	Break
		3:30PM	Paper Session 4: Protection & Control System Design I Digital substation with Process Bus - a comparative review of IEC 61850-9-2 and IEC 61869-9 standards	Alexandr Stinskiy	Siemens	Alexandr Stinskiy	Siemens Industry, Inc.	alexandr.stinskiy@siemens.com	Alexandr Stinskiy, Evandro de Oliveira
		4:00PM	Paper Session 4: Protection & Control System Design I Implementing SCADA Redundancy	Justin Turner	GE Vernova	Justin Turner	GE Vernova	justin.turner1@ge.com	Walid Ali, Justin Turner - GE Vernova
		4:30PM	Paper Session 4: Protection & Control System Design I Virtual Protection Relay: Myth or Reality?	Jose Ruiz; Montie Smith	Doble Engineering; Dell Technologies	Jose Ruiz	Doble Engineering	jruiz@doble.com	Jose Ruiz, Doble Engineering, Montie Smith, Dell Technologies

Paper Session 5 - Real World - Gene Corruz	Rudder Theatre	8:00AM	Paper Session 5: Real World	Shunt Reactor Events and Failures	Gary Kobet	Tennessee Valley Authority	Gary Kobet	Tennessee Valley Authority	gkobet@tva.gov	Adi Mulawarman (Kcel Energy), Pratap Mysore (Kcel Energy), Gary Kobet (Tennessee Valley Authority)
		8:35AM	Paper Session 5: Real World	Generator Power Swing Out-of-Step Protection and Analysis of Misoperation Events	Joshua Hughes	Qualus	Joshua Hughes	Qualus	joshua.hughes@qualuscorp.com	Joshua Hughes, Laurel Brandt, Seth Barnes
		9:10AM	Paper Session 5: Real World	Avoiding Wildfire Ignition by Advanced Detection of Powerline Equipment Failures	B. Don Russell/Carl Benner	Texas A&M University	B. Don Russell/Carl Benner	Texas A&M University	bdrrussel@tamu.edu /carl.benner@tamu.edu	TBD
		9:45PM	Break	Break	Break	Break	Break	Break	Break	Break
		10:15AM	Paper Session 5: Real World	Transmission line protection scheme selection for HV lines with IBRs: Utility example	Subramaniam (Ram) Dalawi Viswanathan	Energy Services LLC	Subramaniam Dalawi Viswanathan	Energy Services LLC	ram.viswanathan@ees.org	Subramaniam (Ram) Dalawi Viswanathan, Energy Services LLC
		10:50AM	Paper Session 5: Real World	Automatic Voltage Anomaly Detection in Fault Records at American Electric Power	Bret Burford	American Electric Power	Bret Burford	American Electric Power	BGBurford@aep.com	Burret Cox, Michael Srinivasan, Bret Burford (American Electric Power)
		11:25AM	Paper Session 5: Real World	What's the Rush? 2.0, Can IBRs Handle Inrush Like Rotating Machines?	Joseph C. Johnson; Sebastian Billaut	Commonwealth Associates, Inc.	Joseph Johnson	Commonwealth Associates, Inc.	Joseph.johnson@ca-engr.com	Joseph Johnson, EIT-Commonwealth Associates; James Steele, EIT-Commonwealth Associates; Gerald Callison, PE-Commonwealth Associates
		12:00PM	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	
Paper Session 6 - Distribution / DER - Bret Burford	Memorial Student Center 2406A	1:30PM	Paper Session 6: Distribution/DER	Adaptive Protection for Meshed Secondary Networks using Network Protectors	Tapas Kumar Barik	Electric Power Research Institute (EPRI)	Tapas Kumar Barik	Electric Power Research Institute (EPRI)	TBarik@epri.com	Tapas Kumar Barik (EPRI), Aaditya Padmanabhan (EPRI), Mubolajj Beljo (EPRI), Sean McGuinness (EPRI) Europe DAC, Resk Ebrahim Ussaf (Consolidated Edison), Frank Doherty (Consolidated Edison), Deepak Khubani (Consolidated Edison), Christopher Jones (Consolidated Edison), John Foglio (Consolidated Edison)
		2:00PM	Paper Session 6: Distribution/DER	Balancing DER Ride-Through Requirements and System Protection: A Utility Perspective	Jason Eruneo	Duke Energy	Bryan Hosseini	Duke Energy	jepino21904@gmail.com	Bryan Hosseini Duke Energy, Jason Eruneo Duke Energy, Amin Zamani Quanta Technology
		2:30PM	Paper Session 6: Distribution/DER	A Simplified Approach to Distribution Feeder Protection for Microgrids With Inverter-Based Resources	Fred Amuna; Jason Eruneo	Schweitzer Engineering Laboratories, Inc., Duke Energy	Ahmed Abd Elkader	Schweitzer Engineering Laboratories, Inc.	papers@selinc.com	Jason Eruneo and Bryan Hosseini (Duke Energy) and Ahmed Abd Elkader, Fred Aygkum, and Romo Vo (Schweitzer Engineering Laboratories, Inc.)
		3:00PM	Break	Break	Break	Break	Break	Break	Break	Break
		3:30PM	Paper Session 6: Distribution/DER	Bridging the Gap: Understanding User Input Options on Inverter Black Box Models	Joseph Johnson	Commonwealth Associates, Inc.	Joseph Johnson	Commonwealth Associates, Inc.	Joseph.johnson@ca-engr.com	Joseph Johnson, Sebastian Billaut - Commonwealth Associates, Inc.
		4:00PM	Paper Session 6: Distribution/DER	Distribution Circuit Health Monitoring - Detection of Incipient Failures	B. Don Russell/Carl Benner	Texas A&M University	B. Don Russell/Carl Benner	Texas A&M University	bdrrussel@tamu.edu /carl.benner@tamu.edu	TBD
		4:30PM	Paper Session 6: Distribution/DER	Protection of Distribution Grid with DER and IEEE 1547.2 Protection Guidance	Janette M. Sandberg	Portland General Electric	Wayne E Stec	Distreg, LLC	stec@distreg.com	Janette M. Sandberg, PGE; Halle Gashaw, Georgia Power; Sean W. Carr, Duke; Jess Boemer, EPRI; Wayne E. Stec, Distreg, LLC
Paper Session 7 - Transmission II - Jared Brayton	Memorial Student Center 2400	1:30PM	Paper Session 7: Transmission II	Apply Dynamic System Rating as a Proactive WAMPACS	Samuel Hogue	GE Vernova	Dan Ransom	GE Vernova	daniel.ransom@ge.com	Daniel Ransom, Wayne Hartmann - GE Vernova
		2:00PM	Paper Session 7: Transmission II	A Fresh Look at Practical Shunt Reactor Protection	Ritwik Chowdhury	Schweitzer Engineering Laboratories, Inc.	Ritwik Chowdhury	Schweitzer Engineering Laboratories, Inc.	papers@selinc.com	Ritwik Chowdhury and Norman Fischer (Schweitzer Engineering Laboratories, Inc.), Douglas Taylor (Avista Utilities), David Caverty (Trench Limited), and Ali B. Dehkordi (RTDS Technologies Inc.)
		2:30PM	Paper Session 7: Transmission II	Charging Current: Basics, Compensation Approximations, Errors, and Remediation	JC Theron	GE Vernova	JC Theron	GE Vernova	jacobus.theron@ge.com	JC Theron, Trish Bains, Illia Voloh - GE Vernova, Herbert Marchi Magalhães - Reenergia
		3:00PM	Break	Break	Break	Break	Break	Break	Break	Break
		3:30PM	Paper Session 7: Transmission II	Detailed Bus Modeling for Enhanced Power System Representation and Network Model Management (NMM) Implementation	Ishwarjot Anand	Quanta Technology, LLC	Jorge Velez	Quanta Technology, LLC	jvelez@quanta-technology.com	Benny Varughese, Naveen Manikarnika, George K.Goodard - Consolidated Edison of New York (Con Edison), Jorge Velez, Ishwarjot Anand, Xinyang Dong, Saem Anjad - Quanta Technology, LLC
		4:00PM	Paper Session 7: Transmission II	Employing Graph Traversal Techniques to Simplify Three- and Multi-Terminal Line Applications	Luke Hankins	SynchroGrid	Joe Perez	SynchroGrid	jperez@synchrogrid.com	Joe Perez, P.E. (SynchroGrid), Luke Hankins, P.E. (SynchroGrid), Lalit Ghaiapande, P.E., M.S. (SynchroGrid), Naveen Ganta, P.E., M.S. (SynchroGrid)
		4:30PM	Paper Session 7: Transmission II	Applying Dependable and Secure Protection With Quadrilateral Distance Elements	Kanchanrao Dase	Schweitzer Engineering Laboratories, Inc.	Kanchanrao Dase	Schweitzer Engineering Laboratories, Inc.	papers@selinc.com	Kanchanrao Dase, Armando Guzman, Steven Chase, and Brian Smith (Schweitzer Engineering Laboratories, Inc.)
Paper Session 8 - Protection & Control System Design II - Craig Wester	Memorial Student Center 2406B	1:30PM	Paper Session 4: Protection & Control System Design II	Exploring IEEE C37.120-2021 Guide for Protection System Redundancy for Power System Reliability	Melvin Moncey Joseph	Black & Veatch	Alla Derojia	IEEE Power System Relaying and Control Committee	aderonja@atcllc.com	Alla Derojia - ATC, Melvin Moncey Joseph - Black & Veatch, Kevin Donahoe - GE Renewable, Adria Kille - Georgia Transmission, Craig Palmer - PowerComm Solutions, Manish Patel - Southern Company Services, Juan Piñeros - XMSA ESP, Solveig Ward - Quanta Technology, Don Ware - Qualus
		2:00PM	Paper Session 4: Protection & Control System Design II	Case Study: Designing Centralized Protection and Control Systems for a Distribution Substation at Duke Energy	Arun Shrestha; Stephen B. Ladd	Schweitzer Engineering Laboratories, Inc., Duke Energy	Arun Shrestha	Schweitzer Engineering Laboratories, Inc.	papers@selinc.com	Arun Shrestha, Arunabha Chatterjee, and Priyanka Naskar (Schweitzer Engineering Laboratories, Inc.), Jackson Lutz (University of North Carolina at Charlotte), and Stephen B. Ladd, Taylor I. Halford, and Ethan Hallock (Duke Energy)
		2:30PM	Paper Session 4: Protection & Control System Design II	Functional Testing of Centralized IEC 61850 Based Protection and Control Systems	Alexander Apostolov	OMICRON electronics	Alexander Apostolov	OMICRON electronics	alex.apostolov@omicronenergy.com	Alexander Apostolov, OMIKRON/electronics
		3:00PM	Break	Break	Break	Break	Break	Break	Break	Break
		3:30PM	Paper Session 4: Protection & Control System Design II	Using Time Synchronization to Improve Protection & Control Systems	Walid Ali	GE Vernova	Walid Ali	GE Vernova	walid.ali@ge.com	Walid Ali, Mike Ramalacan - GE Vernova
		4:00PM	Paper Session 4: Protection & Control System Design II	Multiple Relay setting groups based Adaptive Protection for Radial Distribution Feeder	Tapas Kumar Barik	Electric Power Research Institute (EPRI)	Tapas Kumar Barik	Electric Power Research Institute (EPRI)	TBarik@epri.com	Tapas Kumar Barik (EPRI), Aaditya Padmanabhan (EPRI), Mubolajj Beljo (EPRI), Sean McGuinness (EPRI) Europe DAC), Mychal Kistler (PPL Corporation)
		4:30PM	Paper Session 4: Protection & Control System Design II	Applying Digital Secondary Systems to Optimize Power System Reliability	Josh LaBlanc	Schweitzer Engineering Laboratories, Inc.	Josh LaBlanc	Schweitzer Engineering Laboratories, Inc.	papers@selinc.com	Josh LaBlanc, Shawn Wietzenell, David Dolistek, David Bowen (Schweitzer Engineering Laboratories, Inc.), and John Bettles (Commonwealth Edison)

Thursday		Paper Session 9 - Substation - Zach Austin		Memorial Student Center 2406A				
8:00AM	Paper Session 9: Substation	Application of Modern Differential to Fully Protect Various Types of Phase Shifting Transformers	JC Theron	GE Vernova	JC Theron	GE Vernova	jacob.theron@ge.com	Umar Khan, JC Theron - GE Vernova, Harjinder Sidhu - Alstria
8:35AM	Paper Session 9: Substation	Improving Ground Fault Sensitivity for Transmission Lines Near Inverter-Based Resources	Yash Shad	Schweitzer Engineering Laboratories, Inc.	Ryan McDaniel	Schweitzer Engineering Laboratories, Inc.	papers@selinc.com	Ryan McDaniel and Yash Shah (Schweitzer Engineering Laboratories, Inc.)
9:10AM	Paper Session 9: Substation	Summary Paper for IEEE C37.104 Guide for Autoreclosing on AC Distribution and Transmission Lines	Manish Patel	Southern Company Services	Manish Patel	IEEE Power System Relaying and Control Committee	mpatel@southenco.com	IEEE PSRC DSO WG (Abu Bapary, Matt Black, Brian Boyer, Alii Deronjo, Scott Billing, Rick Gamble, Rafael Garcia, Kamal Garg, Mat Garver, Genial Hernandez, Joshua Lamb, Brandon Lewey, Bruce Mackie, Jim O'Brien, Manish Patel, Miguel Rio, Greg Ryan)
9:45PM	Break	Break	Break	Break	Break	Break	Break	Break
10:15AM	Paper Session 9: Substation	Useful Applications for Differential Relays With Both KCL and ATB 87 Elements	Ariana Hargrave	Schweitzer Engineering Laboratories, Inc.	John Hostetler	Schweitzer Engineering Laboratories, Inc.	papers@selinc.com	John Hostetler, Ariana Hargrave, and Michael Thompson, Schweitzer Engineering Laboratories, Inc.
10:50AM	Paper Session 9: Substation	Application of Standard 87T Differential Protection on Phase-Shifting Transformers	Mike Kockott	Hitachi Energy	Mike Kockott	Hitachi Energy	mike.kockott@hitachienergy.com	Zoran Gajic, Hitachi Energy, Sweden; G. Heise and K. de la Porte, Hitachi Energy, Germany; Mike Kockott, Hitachi Energy, USA; D. Seifert and J. Neuhaus, TenneT TSO GmbH, Germany; Ed Chen, Consolidated Edison, NY, USA
11:25AM	Paper Session 9: Substation	Locating Multiphase Multisection Faults in Capacitor Banks	Jada Hawaz	Schweitzer Engineering Laboratories, Inc.	Jada Hawaz	Schweitzer Engineering Laboratories, Inc.	papers@selinc.com	Brian K Johnson (University of Idaho) and Jada Hawaz and Satish Samineni (Schweitzer Engineering Laboratories, Inc.)
Thursday		Paper Session 10 - Generation / Industrial / Testing - Derrick Haas		Memorial Student Center 2406B				
8:00AM	Paper Session 10: Generation/Industrial	Requirements and Practical Experience for Particular Generation Protection Functions	Mike Kockott	Hitachi Energy	Mike Kockott	Hitachi Energy	mike.kockott@hitachienergy.com	Zoran Gajic, Hitachi Energy, Sweden; Mike Kockott, Hitachi Energy, USA; R Goin and R. Mullis, Statkraft Energy, Norway
8:35AM	Paper Session 10: Generation/Industrial	Why Can't I Start My Motor? - Demystifying Motor Relay Lockouts	Justin Comer	GE Vernova	Christine Crites	GE Vernova	christine.crites@ge.com	Christine Crites, Justin Comer - GE Vernova, Walter Simpson - IVM
9:10AM	Paper Session 10: Generation/Industrial	A Case Study of Implementing a Stator Ground Protection Scheme at Long Spruce Generating Station	Benton Vandiver	Hitachi Energy	Galina Antonova	Hitachi Energy	galina.s.antonova@hitachienergy.com	Kris Manchur (Manitoba Hydro) Gilberto Maioli (Hitachi Energy Sweden) Jack Chang (former Hitachi Energy Canada)
9:45PM	Break	Break	Break	Break	Break	Break	Break	Break
10:15AM	Paper Session 10: Testing	High Voltage and High Current Testing of Non-Conventional Instrument Transformers for Digitalized Protection of Power Systems	Hadi Khani	Quanta Technology	Hadi Khani	Quanta Technology, LLC	hkhani@quanta-technology.com	Hadi Khani, Quanta Technology, Julia Wagner, Quanta Technology, Mohsen Khanbegg, Hydro One Networks Inc., Matthew Leung, Hydro One Networks Inc., David Wallace, Mississippi State University
10:50AM	Paper Session 10: Testing	Cloud Based End to End testing of Protection Schemes	Sai Chandra Reddy Thota	Megger	Abel Gonzalez	Megger	abel.gonzalez@megger.com	Abel Gonzalez, Megger Dhanabal Mani, Megger, Sai Chandra Reddy Thota, Megger
11:25AM	Paper Session 10: Testing	Testing of Travelling Wave Fault Locators	Joerg Blumschein	SIEMENS	Joerg Blumschein	Siemens Industry, Inc.	joerg.blumschein@emens.com	Joerg Blumschein, SIEMENS, Bruno Alencar Araes, SIEMENS, Tiago Fernandes Barbosa, ELETROSUL