

2018 10 04 Listing of Paper Presentations

Session Title	Timeslot	Paper Number	Title	Speaker / Presenter	Affiliation	Country
Protection, Control & Automation	T1.01	T1.01 - Abs 64	Implication of WAN technology on Teleprotection systems	Ramon Baechli	ABB	Switzerland
	T1.02	T1.02 - Abs 47	The Evolution of Time Synchronization @ AltaLink	Randy kimura	AltaLink	Canada
	T1.03	T1.03 - Abs 97	Application of Synchrophasor Technology to Enhance Distribution System Monitoring, Automation and Operations – A Utility Deployment Approach	Farid Katiraei	Quanta Technology	Canada
	T1.04	T1.04 - Abs 22	Automatic Control of Phase Shifting Transformers and its Coordination with Remedial Action Schemes	Ali Jafari	AltaLink	Canada
	T1.05	T1.05 - Abs 56	Altalink's First Digital Substation with IEC61850 Process Bus Technology – a Technology Supplier's Overview	Jack Chang	ABB	Canada
Power Grid Evolution	T2.01	T2.01 - Abs 96	Implementing Digital Substations – a stepwise approach to electricity grid digitization	Sten Trolle	ABB	Switzerland
	T2.02	T2.02 - Abs 42	A Novel Placement Technique for Utility-Scale PV Solar Farm Grid Integration	Sam Maleki	Hatch	Canada
	T2.03	T2.03 - Abs 17	Case Study: Grid Enterprise Solution for capturing, storing and viewing essential data for non-EMS Operators	Walid Ali, Chris Chapelsky	General Electric, Epcor	Canada
	T2.04	T2.04 - Abs 83	Impact of Electric Vehicles on Residential Secondary Distribution Systems	Dawit Teshome	U of A	Canada
	T2.05	T2.05 - Abs 53	Future Challenges for the Planning, Design, and Operation of Utility Distribution Systems	David King	Teshmont Consultants	Canada
Asset Lifecycle Management	T3.01	T3.01 - Abs 34	T&D Enginomics, Advanced Asset Management Frameworks	Ted Zalucki	METSCO Energy Solutions	Canada
	T3.02	T3.02 - Abs 11	Risk assessment and mitigation strategy for managing Ammonium Copper Arsenate (ACA) pole through bolts	Christian Bonilla	PowerTech Labs	Canada
	T3.03	T3.03 - Abs 10	An Assessment to Leverage Limited Availability of Operational Data to Improve Grid Performance through Asset Management Techniques	Carlos Dortolina	Siemens	USA
	T3.04	T3.04 - Abs 52	A Practical Application of Probabilistic Asset Management Approach for Ageing Infrastructure Replacement and Investment Analysis	Soroush Shafee	Teshmont Consultants	Canada
	T3.05	T3.05 - Abs 24	Evaluation of In-Service Counterpoise Through Impulse Fall-of-Potential Measurements	Kurtis Martin-Sturme	METSCO Energy Solutions	Canada
Grid Resilience & Security (1 of 2)	W1.01	W1.01 - Abs 79	Cybersecurity Reporting and Compliance for Critical Infrastructure	Anthony Eshpeter	SUBNET	Canada
	W1.02	W1.02 - Abs 78	State of the art resilience solutions for bypassing power transformers in case of contingencies, emergencies or maintenance	Eduardo Gomez Hennig	Siemens	Canada
	W1.03	W1.03 - Abs 15	A Supervisory Controller for a Grid Integrated Solar Power Plant that provides Fault Ride-Through Capability	Kasun Samarasekera	TransGrid Solutions	Canada
Grid Resilience & Security (2 of 2)	W1.04	W1.04 - Abs 51	Wide Area Real Time GMD Monitoring and Analysis using Synchrophasor Technology	Krish Narendra	Electric Power Group	USA
	W1.05	W1.05 - Abs 40	RAS Modelling with RAS Coordination	John Waenink	AESO	Canada
	W1.06	W1.06 - Abs 80	Cybersecurity Good Practice: Not Just NERC CIP Compliance	Simon Rodriguez	SUBNET	Canada
Transformer Monitoring & Diagnostics	W1.07	W1.07 - Abs 30	Power Transformers from the Asset Management Perspective	Imad Khan	Siemens	Germany
	W1.08	W1.08 - Abs 03	Emerging technologies in Transformer Insulation Diagnostics	Abhinav Patil	Sterlite Power	India
	W1.09	W1.09 - Abs 58	Transformer condition evaluation and fleet ranking combining offline and online data	Marco Tozzi	Camlin Power	Italy
	W1.10	W1.10 - Abs 93	Transformer tank vibration model to detect winding deformations	Emilio Morales Cruz	Qualitrol	USA
	W1.11	W1.11 - Abs 20	Misconceptions and Misuse of Online Monitoring on HV Assets	Seamus Allan	Dynamic Ratings	Canada
Energy Policy & Market Mechanisms	W2.01	W2.01 - Abs 76	Development of Wide Area Electricity Markets and the Means to Achieve them	Dennis Woodford	Electranix Corp	Canada
	W2.02	W2.02 - Abs 70	Market Mechanisms to Monetize Energy Storage – US experience	Art Holland	Siemens	USA
	W2.03	W2.03 - Abs 19	Bridging the Gap - HVDC Overlay Grid, Canada's Equalization Formula and Provincial Carbon Emissions	Nick Kamenev	Teshmont Consultants	Canada
System Modelling & Studies	W2.04	W2.04 - Abs 33	Breaker TRV Capability Investigation for In-line Reactor Applications	Iraj Rahimi	AltaLink	Canada
	W2.05	W2.05 - Abs 62	Automatically generated dynamic equivalents for RTDS applications	Humud Said	Growler Energy	Canada
	W2.06	W2.06 - Abs 21	A Guideline to Develop Low Frequency Dynamic Model Equivalents in Today's Emerging Grids	Ashraf Haque	Teshmont Consultants	Canada
Operation Excellence & Grid Efficiency	W2.07	W2.07 - Abs 12	METHOD and SYSTEM for the Reduction of Losses in Electrical Power Distribution Grids	Kristo Lakiko	Ergo Group	Canada
	W2.08	W2.08 - Abs 67	Improved Model for Determining Total Power Loss in Transmission Line Conductors	Ibrahim Hathout	Hydro One	Canada
	W2.09	W2.09 - Abs 28	Replacement of Insulator Strings on Power Lines with Traditional Methods and Robotic Systems – A State-of-the-Art Survey	Jean-Francois Allan	IREQ	Canada
	W2.10	W2.10 - Abs 07	The Application of New Dielectric Rope Technologies to Live Line Methods	Jeffrey Laninga	Manitoba Hydro	Canada
	W2.11	W2.11 - Abs 98	Determining Residential Transformer Loading Thresholds Using Weather and Metering Data Analytics	Ming Dong	ENMAX	Canada
Innovative Designs & Applications	W3.01	W3.01 - Abs 46	Development of ± 500 kV HVDC WATL Structures and Foundations in Alberta	Kishor Kumar	AltaLink	Canada
	W3.02	W3.02 - Abs 57	Innovative Method for Tapping an LCC HVDC System Using the Novel Single Arm Converter	Mojtaba Mohaddes	TransGrid Solutions	Canada
	W3.03	W3.03 - Abs 95	Thickwood Hills Static VAR System, A Split Scope Approach	Roxanne Lehmann	ATCO Electric	Canada
	W3.04	W3.04 - Abs 31	Monitoring System for Underground MV Distribution Grids	Francisc Zavoda	IREQ	Canada
	W3.05	W3.05 - Abs 26	Laser Scanning Services and its Applications to Substation Design and Management	Colin Clark	Siemens	Canada