



**Industrial & Commercial Power Systems Technical Conference I&CPS 2015**

**Conference Final Program Committee Meetings, Technical paper/Panel Sessions & Tutorials (Page 1 of 4) Rev: R9 (April 30, 2015)**

Tim/Date/Location	<b>May 5, 2015 (Tuesday)</b>				Registration: Hallway	Spouse /Guest Room (Mount Royal)	(Conference Admin Office) Inglewood Rm:
07:00 – 7:45 AM	Attendees Breakfast – Acadia B						
	<i>Kensington A</i>	<i>Kensington B</i>	<i>Kensington C</i>	<i>Kensington D</i>			
07:45 – 8:45 AM			TBCC Committee Meeting				
08:45 – 9:45 AM		PSP Generator Grounding WG, Part 1	TBCC First Principles WG				
9:45 – 10:00 AM	Coffee Break - Hallway						
10:00 – 10:30AM	PSE Forensics WG	PSP Generator Grounding WG, Part 2	PSE/Health/ Edu Sub committee	TBCC MOS WG			
10:30 – 11:00AM				TBCC Grounding WG			
11:00 – 11:30AM	PSE Power System Analysis SubComm	PSP Communication WG	PSE Safety, Operations SubComm				
11:30 – 12:00AM	I&CPS Technical Program Com	PSP Surge Protection SubComm	PSE Reliability WG	PSE Emergency/Standby SubComm			
12:00 – 1:00PM (Box Lunch)	TBCC PS Design WG (Lunch Box or Buffet)	TBCC Protection & Coordination WG (Lunch Box or Buffet)	TBCC Reliability WG (Lunch Box or Buffet)	TBCC Power System Analysis WG (Lunch Box or Buffet)			
1:00 – 1:30 PM	PSE Power Quality Sub committee	PSP Low Voltage SubComm	I&CPS Meetings Com				
1:30 – 2:00 PM		PSP MV SubComm	PSE Power System Design SubCom				
2:00 – 2:30 PM	PSE Main Committee Meeting	PSP Main Committee Meeting	Energy Systems Committee Meeting	Codes & Standards Committee			
2:30 – 3:00 PM							
3:00 – 3:30 PM	Coffee Break - Hallway						
3:30 – 4:00 PM			TBCC Committee Meeting 2				
4:00 – 5:00 PM				Department Executive Committee			
5:30-7:30 PM	Conference Reception Acadia A/B						
7:30-10:00 PM	Hospitality Suites						



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Time				May 6, 2015 (Wednesday)		
07:00 – 8:00				Welcome and Opening Remarks and Conference Attendees Breakfast Acadia A/B		
	<b>Kensington A/B</b>	<b>Kensington C</b>	<b>Kensington D</b>	Spouse/Guest Room (Mount Royal) Walking Tour & Lunch at The Chinese Cultural Central	Registration (Hallway)	Conference Administration: Inglewood Rm
7:55	<a href="#">Energy Systems Committee – Track 1 Session 1</a> Session Organizer: J.Weber Session Chair: Wei-Jen Lee Introductions and Announcements	<a href="#">Power Systems Protection Committee – Track 2 Session 1</a> Session Organizer: R.Hoerauf Session Chair: R.Hoerauf Introductions and Announcements	<a href="#">Power Systems Engineering Committee – Track 3 Session 1</a> Session Organizer: K.Sayler Session Chair: M.Mitolo Introductions and Announcements			
8:00 – 8:40	* ESC-0054; “Coordination of PV Inverters to Mitigate Voltage Violation for Load Transfer Between Distribution Feeders with High Penetration of PV Installation”, [Chen, Chao-Shun]	*PSP-0041; “Design Guidelines for Safer Low-Voltage Distribution Systems Part II: Motor Circuits”, [Fox, Gary]	*PSEC-0019 “On The New Terminology Introduced in Std. IEEE P3003.2 “Recommended Practice for Equipment Grounding and Bonding in Industrial and Commercial Power Systems” [Mitolo, Massimo]			
8:40 – 9:20	* ESC-0061; “Dynamic Equivalent Model Development to Improve the Operation Efficiency of Wind Farm”, [Cheng, Xueyang]	*PSP-0042; “Considerations in Applying IEEE Recommended Practice for Protection Coordination in Industrial and Commercial Power Systems - Part 1”, [Mardigan, Claudio]	*PSEC-0020 “Electrical Model of Building Structures Under Ground-Fault Conditions. Part I. [Mitolo, Massimo]			
9:20 – 10:00	*ESC-0055; “A Stochastic Microgrid Operation Scheme to Balance between System Reliability and Greenhouse Gas Emission”, [Ding, Zhaohao]	*PSP-0040; “Time Synchronization Mechanisms for the Industrial Marketplace”, [Mazur, David]	*PSEC0029; “The Relevance Of The Architecture Of Electrical Power Systems In Hospitals: The Service Continuity Safety By Design” , [Parise, Gieseppe]			
10:00– 10:30	Coffee Break - Hallway					
10:30 –11:10	*ESC-0052; “Medium-term Operation for an Industrial Customer Considering Demand Side Management and Risk Management”, [Ding, Zhaohao]	*PSP-0043; Protection of Utility-Refinery Interconnection, [Mozina, Charles]	*PSEC0009 “Coordinating the Development Cycles of the IEEE 3000-Series Recommended Practices with NFPA 70 Series-Documents” [Antony, Michael]			
11:10 –Noon	*ESC-0057; “Sizing the Battery Energy Storage System on a University Campus with Prediction of Load and Photovoltaic Generation”, [ Ke, Yu-Lung]	*PSP-0045; Development of a Novel Preventative Protection Mechanism in an Isolated Island System, [Wu, Yuan-Kang]	*PSEC0010 “New Education and Healthcare (E&H) Facilities Committee: Power Services and Distribution, Infrastructure Systems, [Antony, Michael]			
Noon – 12:55	Lunch (Not Provided. On your Own)					
12:55	<a href="#">Energy Systems Committee – Track 1 Session 2</a> Session Organizer: J.Weber Session Chair: J.Weber Introductions and Announcements	<a href="#">Power Systems Engineering Committee – Track 2 Session 2</a> Session Organizer: K.Sayler Session Chair: K.Sayler Introductions and Announcements	<a href="#">Power Systems Engineering Committee – Track 3 Session 2</a> Session Organizer: K.Sayler Session Chair S. Panetta Introductions and Announcements			
1:00 – 1:40	*ESC-0060; “Effective Topologies for Large Scale Integration of Renewable Energy with the Grid-A Review”; [Khalid, M.U.]	*PSEC-0013 “Fuse Thermal Stability Impacts on Arc Flash Mitigation” [Clark, Scott]	*Education & Health Facility Panel Discussion Part (1), Moderator: M.Anthony			
1:40 – 2:20	* ESC-0059; “Evaluation, and Sizing of Energy Storage System for Microgrids”, [Illindala, Mahesh]	*PSEC-0015 “Ampacity Application Considerations for Underground Cables” [Hoerauf, Rob]	*Education & Health Facility Panel Discussion Part (2), Moderator: M.Anthony			
2:20 – 3:00	*ESC-0053; “Novel Frequency Jittering Technique to Energy-saving Power-converters”, [Kuo, Ming-Tse]	*PSEC-0014 “Fast Transient Loads of Low Voltage Power Cables” [Henry, Robert]	*PSEC- 0008 “Reliability and Operation of High-Efficiency Induction Motors”, [Almeida, Anibal T. de]			
3:00 – 3:30	Coffee Break - Hallway					
3:30 – 4:10	*ESC-0056; “Economic Dispatch Planning Based on Considerations of Wind Power Generation and Pumped Storage Hydroelectric Plants for Isolated Power Systems”; [Kuo, Ming-Tse]	*PSEC-0025, “On The Use Of The Law Of Times In Calculating Soil Thermal Stability And Underground Cable Ampacity”; [Malmedal, Keith]	*PSEC0011; “Equipment Failure Characteristics & RCM for Optimizing Maintenance Cost”; [Schuerger, Robert]			
4:30	Bus Departs for Social Evening					
5:30 – 9:00	Social Evening(Bus Departs at 4:30PM) Silvertip Resort					



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**Conference Final Program Committee Meetings, Technical paper/Panel Sessions & Tutorials (Page 3 of 4) Rev: R9 (April 30, 2015)**

Time				May 7, 2015 (Thursday)			
07:00 – 8:00				Attendees Breakfast Acadia A/B			
<b>Kensington A/B</b>		<b>Kensington C</b>		<b>Kensington D</b>			
7:55	<a href="#">Power Systems Engineering Committee – Track 1 Session 3</a> <a href="#">Session Organizer: K. Saylor</a> <a href="#">Session Chair: S. Panetta</a> Introductions and Announcements	<a href="#">ESC/PSPC Joint Session – Track 2 Session 3</a> <a href="#">Session Organizer: R Hoerauf</a> <a href="#">Session Chair G Fox</a> Introductions and Announcements	<a href="#">Power Systems Engineering Committee – Track 3 Session 3</a> <a href="#">Session Organizer: K. Saylor</a> <a href="#">Session Chair: K. Saylor</a> Introductions and Announcements				
8:00 – 8:40	PSEC-0033, “Extracting the Phase of Fault Currents: A New Approach for Identifying Arc Flash Faults”; [Saleh, Saleh]	ESC-0051; “A Novel AC/DC Bridgeless and Contactless Electrical Energy Transmission System for Multi Load Applications”, [Liao, Yi-Hung]	PSEC-0017, “Power System Model Data Provenance”; [Leschert, Duane]				
8:40 – 9:20	PSEC-0032; “Impacts of Grounding Configurations on Responses of Ground Protective Relays for DFIG-Based WECSS-Part II: High-Impedance Ground Faults”; [Saleh, Saleh]	ESC-0058; “Economic Evaluation of Energy Storage Options in a Microgrid with Flexible Distribution of Energy and Storage”; [Illindala, Mahesh]	PSEC-0021; “Design and Operation of Smart Loads in an Industrial Microgrid”; [Mondal, Abrez]				
9:20– 9:50				Coffee Break - Hallway			
9:50 –10:30	PSEC-0026; “Near Zero Energy Load Systems: the Special Case of Port Cranes”; [Parise, Giuseppe]	PSP-0046, “Electrical Substation Automation System Modernization through the Adoption of IEC61850”; [Lee, Wei-Jen]	PSEC-0018, “The Experience Acquired Sizing Snubbers to Mitigate Switching Transients in Industrial Power Systems”; [Mardegan, Claudio]				
10:30-11:10	PSEC-0027; “On the Integration of Small Scale Storage at Home: Electrical and Control Design”; [Parise, Giuseppe]	PSP-0047; “Management of Risk and Economics of LV Power System Protection for Industrial Facilities”; [Ritu Malhotra]	PSEC-0034, “Switching Transients’ Impact on Transformers & Snubbers’ Application”; [Sheikh, Shahid]				
11:30–1:30				Award Luncheon Acadia A/B			
1:35	<a href="#">Power Systems Engineering Committee – Track 1 Session 4</a> <a href="#">Session Organizer: K. Saylor</a> <a href="#">Session Chair: S. Panetta</a> Introductions and Announcements	<a href="#">Power Systems Engineering Committee –Track 2 Session 2</a> <a href="#">Session Organizer: R Hoerauf</a> <a href="#">Session C. Mardegan</a> Introductions and Announcements	<a href="#">Power Systems Engineering Committee – Track 3 Session 4</a> <a href="#">Session Organizer: K. Saylor</a> <a href="#">Session Chair: K. Saylor</a> Introductions and Announcements				
1:40 – 2:20	PSEC-0024 “Space Harmonics of Synchronous Machines Calculated by Finite Element Method”; [Liang, Xiaodong]	PSEC-0031; “Modeling and Analysis of the CERTS Microgrid with Natural Gas Powered Distributed Energy Resources”; [Renjit, Ajit Anbiah]	PSEC-0030 “Mov Surge Arrester’s Failure Analysis”; [Paul, Dev]				
2:20 – 3:00	PSEC-0023, “Downhole Monitoring Tool Design Using Power Line Disturbances”; [Liang, Xiaodong]	PSEC-0022; “Case Study: Smart Automatic Synchronization in Islanded Power Systems”; [Manson, Scott]	PSEC-0035, “Ship Electrical Load Analysis Considering Power Generation Efficiency”; [Su, Chun-Lien]				
3:00 – 3:30				Coffee Break - Hallway			
3:30 – 4:10	PSEC-0028, “The Energetic Impact of the Lighting System in the Road Tunnels”, [Parise, Giuseppe]	PSEC-0016, “Parallel Domain Decomposition Based Distributed State Estimation for Large-scale Power Systems”; [Krimipour, Hadis]	PSEC-0012, “Implementation of Reliable High-Speed Islanding Detection, Zone Interlocking, and Source Selection Schemes Using Smart Algorithms”, [Katha Basha, Faridula]				
4:10-4:50			ESC-0122, “Canadian Grid Codes and Wind Farm Interconnections”, [Sutherland, Peter]				
5:30	<b>“Panel Session on Renewable Energy”, Student Branch/CMD, Session Coordinator: S. Kairzhanova</b>						

Guest Room (Mount Royal)

Registration (Hallway)

Conference Administration: Inglewood Rm



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Time/Date	<b>May 8, 2015 (Friday)</b>		
	<i>Kensington A/B</i>	<i>Kensington C/D</i>	
	<i>No Breakfast Provided Today</i>		<b>Conference Administration: Inglewood Rm</b>
<i>8:00 – 9:45 AM</i>	<i>Tutorial 1 (Part1)</i> Reliability of 7x24 Continuous Power Systems in Industrial and Commercial Facilities and the Application of IEEE Std 3006.7; Organizer/presenter : [B. Schuerger]	<i>Tutorial 2 (Part1)</i> (Organized in Cooperation with Student Branch) Harmonics & Power Quality in Industrial Power Systems; Organizer/presenter: [M. Halpin]	
<i>9:45– 10:45 AM</i>	<i>Coffee Break - Hallway</i>		
<i>10:45– 12:00 PM</i>	<i>Tutorial 1 (Part2)</i> Reliability of 7x24 Continuous Power Systems in Industrial and Commercial Facilities and the Application of IEEE Std 3006.7; Organizer/presenter : [B. Schuerger]	<i>Tutorial 2 (Part2)</i> Organized in Cooperation with Student Branch) Harmonics & Power Quality in Industrial Power Systems; Organizer/presenter: [M.Halpin]	
<i>12:00 – 1:00PM</i>	<i>Box Lunch for Tutorial Participants Only</i>		
<i>1:00 – 2:45PM</i>	<i>Tutorial 3 (Part1)</i> Operation, Maintenance and Safety of Industrial & Commercial Power Systems and the application of IEEE STD Series 3007; Tutorial Organizer : [E.Hesla]	<i>Tutorial 4 (Part1)</i> MV Motors and their Applications in Industrial Systems [B. Lockley]	
<i>2:45 – 3:15PM</i>	<i>Coffee Break - Hallway</i>		
<i>3:15 – 5:00 PM</i>	<i>Tutorial 3 (Part2)</i> Operation, Maintenance and Safety of Industrial & Commercial Power Systems and the application of IEEE STD Series 3007; Tutorial Organizer : [E.Hesla]	<i>Tutorial 4 (Part2)</i> MV Motors and their Applications in Industrial Systems [B. Lockley]	