4th ANNUAL GENERAL MEETING
Centre & East Rooms, SHERATON
CAVALIER HOTEL
612 Spadina Crescent East, Saskatoon, SK

AGM Day 1

Wednesday, May 20, 2015 - Industry/Stakeholder Collaborative Workshop

07:30 - 08:30	REGISTRATION (Conference Foyer)
08:30 - 08:45	Welcoming remarks Mr. Donald Atchison, Mayor of Saskatoon Dr. Karen Chad, V.P. Research, University of Saskatchewan, Saskatoon
Panel 1:	Design of NZEBs Communities CoChairs: Caroline Hachem-Vermette, University of Calgary; Remi Charron, Independent Consultant
08:45 -10:45	*A review of the current paradigm of designing net-zero energy buildings and communities, focusing on strategies to optimize the use of renewables, energy efficiency measures and advanced building technologies. The discussion will focus on challenges and solutions to addressing barriers at different stages of the project life cycle: design, construction and operation.*
15 min / speaker	Panelists: 1. Michael Nemeth, Mechanical Consultants, Daniels Wingerak Engineering, Saskatoon. *Using the Passive House design method to produce cost effective Net-Zero buildings* 2. Ronn Lepage, Chartered Accountant, Certified Management Consultant, Chartered Director, and LEED AP Homes, Saskatoon. *Unique Challenges of Building Net Zero Energy Homes in Saskatchewan* 3. Haitao Yu, Lead Researcher of the Landmark Group of Builders, Edmonton. *Towards Net-Zero Homes - A Production Builder's Approach* 4. Caroline Hachem-Vermette, Assistant Professor, University of Calgary, Calgary. *Smart Communities Initiatives* 5. Remi Charon, Independent Consultant, Pemberton, BC. *EQuilibrium Demonstration Housing: Lessons Learned*
10:45 - 11:00	BREAK
11:00 - 12:00	NETWORK POSTER PRESENTATIONS
12:00 - 13:15	NETWORK LUNCH *Luncheon Speaker: Dr. Robert Besant, Professor Emeritus of Mechanical Engineering, University of Saskatchewan, Saskatoon*
Panel 2:	Design and components for NZEBs/ High Performance Buildings Co-Chairs: Carey Simonson, University of Saskatchewan; Chris Richards, City of Saskatoon
13:15 -15:15	*A review of the current status of building operation and challenges of optimizing the operation of high performance net-zero energy buildings. The discussion will include emerging topics such as predictive control for existing and new buildings and possible solutions for industry adoption.*
15 min / speaker	Panelists: 1. Ken Coutu, Research Adviser, Nortek Air Solutions, Saskatoon. *The Suitability of Liquid Desiccant Systems for Net-Zero Energy Buildings* 2. Ryan Huizing, Director of Research and Development, dPoint Technologies, Vancouver. *Building Ventilation Energy Recovery: Advances in High Performance Membrane Materials and Exchangers* 3. Louie Azzolini, Executive Director, Arctic Energy Alliance, Yellowknife, NWT. *Practical strategies for high performance buildings in the North* 4. Murray Guy, CEO, EcoSmart Developments, Saskatoon. *LEAN & GREEN; Are like two Peas in a Pod* 5. Ryan Jansen, M.Sc. Candidate, Electrical Engineering, University of Saskatchewan, Saskatoon. *Building the Net Zero Home*
15:15 - 15:30	BREAK
Panel 3:	Building-integrated PV and BIPV-T in next generation dynamic building envelope systems Co-Chairs: Alan Fung, Ryerson University; Josef Ayoub, CanmetENERGY
15:30 - 17:30	*Although reaching net-zero is technically feasible today, it is an expensive solution. The discussion and presentations will focus on the challenges associated with technologies that could be significant game changers.*
15 min / speaker	Panelists: 1. Josef Ayoub, Senior Planning Advisor, Energy S&T, CanmetENERGY, Montreal. *Overview of federal activities in BIPV-BIPVT research, development and demonstration* 2. Alan Fung, Associate Professor, Department of Mechanical and Industrial Engineering, Ryerson University, Toronto. *BIPV/T + ASHP: Technologies for Near and Net-Zero Energy Buildings* 3. Getu Hailu, Assistant Professor and Director of Thermal Systems Design Laboratory, University of Alaska, Anchorage, US *Combined Building Integrated Photovoltaic/Thermal (BIPV/T) Technologies in Alaska: Potentials and Challenges* 4. Costa Kapsis, PhD Candidate, Concordia University, Montreal. *Semi-transparent Photovoltaic windows: towards Net-Zero Energy buildings* 5. Sevag Pogharian, President, Montréal ZERO Inc., Montreal. *BIPV-T as a Central Pillar in an Autonomous Building*
17:30	Closing