

PowerLogic ION Users Conference 2009

Date: Friday October 23, 2009

Location: Toronto Congress Centre, 650 Dixon Rd. Toronto, ON, M9W 1J1

Time	Topic	
7:30	Breakfast & Registration	
8:30 – 10:00 Panel discussion with Q&A	Introduction	<i>Eric Langford</i>
	Welcome	<i>Gary Abrams President, Schneider Electric Canada</i>
	Ontario's Electricity Market Assessment This presentation will review the Green Energy Act and how various OPA programs will affect the long-term market, generation mix and price volatility. John will review the Ontario electricity market based on an understanding of the infrastructure and the resulting market fundamentals. Review of Government Programs.	<i>John Dalton, President, Power Advisory, LLC</i>
	Culture of Conservation and Challenges Ahead Peter's tenure with the Ontario Power Authority provides a unique perspective on the culture of conservation, OPA incentives as well as challenges ahead facing Ontario power consumers.	<i>Peter Love Love Energy Consultants</i>
	Energy Management – It is not just a buzzword. New technologies, industry trends, PQ standards, regulatory compliance issues, etc.	<i>James Clark Schneider Electric</i>
10:00 – 10:30	Break	
10:30 – 12:30	Seminars (see below) <i>Delegates will switch between sessions</i>	Break-out rooms
12:30 – 1:30	Lunch	
1:30 – 2:30	Workshops (see below) <i>Delegates can switch between sessions</i>	Break-out rooms

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Seminars	Room: Berton 1 <i>Product focus</i>	Room: Pinscent Room <i>Application focus</i>	Room: Berton 3 <i>Case studies</i>
10:30 – 10:50	Branch Circuit Monitoring Critical Power Monitoring in a data centre. <i>Steve Popple,</i> <i>Schneider Electric</i>	LEED and CaGBC An introduction to LEED and the Canada Green Building Council energy efficiency targets. <i>Alan Taaffe,</i> <i>Schneider Electric Canada</i>	Energy Management for Municipalities Case Study using the AMO's Energy Management Tool. <i>Scott Vokey, Association of Municipalities of Ontario (AMO)</i>
11:00 – 11:20	Tenant and sub-metering Tenant metering software demonstration and high-density E4800 sub-meter. <i>James Clark,</i> <i>Schneider Electric</i>	Power Disturbance Analysis New technology to detect power problems causing outages and equipment problems. <i>John Straughn,</i> <i>Schneider Electric</i>	Data Centre Case Study Power reliability is critical for data centres with complex power distribution systems. <i>Mark Neff, EA Group</i>
11:30 – 11:50	Energy Management Software ION Enterprise 6.0 – New Features <i>Sean Farragher,</i> <i>Schneider Electric Canada</i>	GHG and Emissions Reports Enterprise Energy Management and methods to calculate GHG. <i>Michael Schmitz,</i> <i>Schneider Electric</i>	Husky Injection Molding Importance of monitoring and energy management in manufacturing. <i>Al Fiacco, Husky</i>
12:00 – 12:30	Digital Metering New features and product development for ION and PowerLogic meters <i>John Straughn,</i> <i>Schneider Electric</i>	Energy Efficiency Energy Audits are a cost-effective way to identify energy management savings. <i>Nicolas St.Germain,</i> <i>Schneider Electric Canada</i>	Earth Rangers Reducing carbon footprint to a minimum with monitoring and energy management. <i>Graham Seaman,</i> <i>Earth Rangers</i>
12:30 – 1:30	Lunch		
Technical Workshops			
1:30 – 2:30	Application Questions “ask the expert” Tips & Tricks Bring your questions, concerns and integration problems. <i>Kevin Batycki,</i> <i>Schneider Electric Canada</i>	ION Demo Room Bring your lap-top and we'll load ION Setup on your computer. Test drive ION EEM <i>Everyone - Schneider</i>	Energy Action/Reliability Analysis Take the first step, and arrange for an Energy Audit for your facility. <i>Nicolas St.Germain, Schneider Electric Canada</i>

Ontario's Electricity Market Assessment

Room: Pinscent

John Dalton

President, Power Advisory LLC

The Power Advisory LLC is a management consulting firm focusing on the electricity sector and specializing in electricity market analysis and strategy, power procurement, policy development, and project feasibility assessment. John combines a strong understanding of wholesale power market fundamentals with a broad economic and energy policy background. For over ten years he has advised numerous clients on Ontario's electricity market structure, wholesale market opportunities and risks. John has advised virtually all of Ontario's major supply-side market participants and institutions on the full range of market and policy analysis issues including the Ontario Ministries of Energy and Finance, Ontario Power Generation, Hydro One, Ontario Electricity Financial Corporation, Ontario Energy Board, Ontario Independent Electricity System Operator, and the Ontario Legislature. John served on the Board of the New England Cogeneration Association. John has a B.A. in Economics from Brown University and an M.B.A from Boston University.

Culture of Conservation and Challenges Ahead

Room: Pinscent

Peter Love

Love Energy Consultants

Peter recently formed Love Energy Consultants Inc.'s to foster culture change as part of his commitment to advancing sustainability. He provides strategic advice as a consultant, associate, facilitator or director on an individual basis or as an associate with selected firms. In 2005, Peter was recruited as Ontario's first Chief Energy Conservation Officer with the Ontario Power Authority where his focus was on providing leadership in electricity conservation and advancing a conservation culture in Ontario. He was a leader in setting among the most aggressive targets for conservation in North America and reported that Ontario met its first conservation target of a five percent peak demand reduction by the end of 2007. Previously, Peter was the Executive Director of the Canadian Energy Efficiency Alliance, co-founder of the Summerhill Group and was responsible for managing the R-2000 and Energy Star New Homes programs. An active volunteer, Love serves on the National Advisory Committee on Energy Efficiency and the Greening Greater Toronto Task Force; previously, he was Chair of the Non-Smokers' Rights Association and co-founder of the Movement Against Acid Rain. No stranger to the concept of a "cultural shift" in the Province, early in his career Peter worked as a project coordinator for Pollution Probe with the team that developed the 3Rs campaign "Reduce, Reuse, Recycle". In recognition of Peter's commitment to sustainable buildings and energy efficiency, he was inducted into the EnerQuality/R-2000 Hall of Fame and earned a Lifetime Achievement Award from Sustainable Buildings Canada. Peter has an MBA and BA from the University of Toronto and recently completed the Directors Education Program from the Institute of Corporate Directors.

Energy Management – It is not just a buzzword

Room: Pinscent

James Clark

**Energy Management Product Line Manager, Power Business
Schneider Electric**

James spent the first ten years of his career in an aerodynamic research and development facility developing high-speed data acquisition and control systems in the United States. He joined the PowerLogic organization in 1995 and spent three years as an application engineer designing and installing PowerLogic systems as well as custom control solutions. He then joined the Schneider Electric offer management team where he worked on the Micrologic / Masterpact trip system and managed the Series 4000 / 4000T Circuit Monitor development. In 2001, James became the product line manager for PowerLogic Ethernet communications products and helped launch Transparent Ready Power Equipment. His next challenge was as a business unit manager within the PowerLogic organization focused on the development and launch of a Tenant Metering solution for North America. Today, James is the offer manager for Schneider Electric's Energy Management Mid Range Metering team. In his leisure time he is involved in scouting and enjoys fly fishing.

LEED and CaGBC

Room: Pinscent

Alan Taaffe, LEED AP

**Senior Manager, Business Development & Solutions, Buildings
Schneider Electric Canada**

Over a 20 year career with Schneider Electric, Alan Taaffe has held a variety of roles including training specialist, product manager, logistics manager, segment manager, and is currently the Senior Manager, Business Development & Solutions for Buildings. Alan is a LEED Accredited Professional with the Canada Green Building Council (CaGBC), and is a member of the marketing committee of the GTA chapter of the CaGBC. Alan's passion for sustainable building extends to his volunteer work with Habitat for Humanity where he works as the corporate liaison and is actively involved in several construction projects.

Power Disturbance Analysis

Room: Pinscent

John Straughn

**Power Monitoring Offer Manager, Power Business
Schneider Electric**

John began his career with Schneider Electric thirty-four years ago as a Field Sales Engineer in Norfolk, VA. After advancing through multiple sales positions, and having sold multiple PowerLogic systems, John joined the PowerLogic power monitoring marketing team in Smyrna, TN in 1994. As the business grew, John's responsibilities shifted from a US domestic focus to a global focus, including being responsible for business development in Canada, Ireland, the UK, Spain, South Africa, Australia, and New Zealand. In recent years, his responsibilities shifted from supporting sales for all power monitoring product family sales in selected countries, to being responsible for specific products for all countries, including software and high-end metering products. This year John became the Offer Manager for the Power Quality metering products, including the ION7550 / ION7650, and the CM3000 / CM4000 series meters.

GHG and Emissions Reports

Room: Pinscent

Michael Schmitz, B.Sc.
Solutions EEM Offer Manager, Power Business
Schneider Electric

Michael Schmitz is responsible for market and customer research in order to define the future growth of EEM. In the last two years Michael has worked with a number of Schneider customers on a variety of energy management subjects, including greenhouse gas reporting tools, advanced energy consumption modeling, buildings and industrial energy benchmarking, analysis and corporate-level reporting of energy financial data and open electric market business processes. Michael has over ten years of experience with enterprise level, web-based software solutions. He has a broad background that spans development, system architecture, technical management and business analysis roles. He specializes in analyzing customer and market needs in order to specify and deliver software offers that satisfy customers' corporate energy management objectives.

Energy Efficiency

Room: Pinscent

Nicolas St-Germain, P.Eng., M.Eng., MBA
Solution Engineering Director
Schneider Electric Canada Services and Projects

Nicolas has over sixteen years of experience in the field of electrical engineering. Prior to joining Schneider Electric in 2005, he has worked as a design engineer, engineering consultant and as an engineering manager. He is responsible for the overall direction of the Engineering Services group within Schneider Electric Canada Services & Projects division. Activities of the group include power system studies, power system engineering, energy management and design of renewable energy projects. Nicolas is a member of IEEE and AEE and is a registered Professional Engineer in the provinces of Quebec and Ontario. He is also a Certified Energy Manager and a LEED AP.

Branch Circuit Monitoring

Room: Berton 1

Steven Popple, BSc., MBA
Energy Management Product Manager, Power Business
Schneider Electric

Steven is the product manager for the Powerlogic Branch Circuit Power Meter (BCPM), which is an integral component of Schneider Electric's metering strategy for critical power facilities. Steve's key responsibilities at Schneider Electric include developing a strong understanding of customer applications, working with design teams during development and launching successful products. Prior to relocating to Victoria and joining Schneider Electric two years ago, Steve was a product manager at Cisco Systems in San Jose California. He is originally from Toronto and holds a BSc in Engineering Physics and an MBA, both from Queen's University.

Tenant and Sub-metering

Room: Berton 1

James Clark

Energy Management Product Line Manager, Power Business

Schneider Electric

James spent the first ten years of his career in an aerodynamic research and development facility developing high-speed data acquisition and control systems in the United States. He joined the PowerLogic organization in 1995 and spent three years as an application engineer designing and installing PowerLogic systems as well as custom control solutions. He then joined the Schneider Electric offer management team where he worked on the Micrologic / Masterpact trip system and managed the Series 4000 / 4000T Circuit Monitor development. In 2001, James became the product line manager for PowerLogic Ethernet communications products and helped launch Transparent Ready Power Equipment. His next challenge was as a business unit manager within the PowerLogic organization focused on the development and launch of a Tenant Metering solution for North America. Today, James is the offer manager for Schneider Electric's Energy Management Mid Range Metering team. In his leisure time he is involved in scouting and enjoys fly fishing.

Energy Management Software

Room: Berton 1

Sean Farragher, B.A.(Hons)

Solution Sales Engineer

Schneider Electric Canada Services and Projects

Sean is a Solution Sales Engineer with Schneider Electric specializing in large / complex projects and focuses on ION EEM solutions while supporting the sales force on a national level. He comes from Power Measurement Limited where he worked in technical support and then as a Senior Applications Engineer charged with commissioning ION systems. Overall, Sean has eleven years of power engineering experience.

Digital Metering

Room: Berton 1

John Straughn

Power Monitoring Offer Manager, Power Business

Schneider Electric

John began his career with Schneider Electric thirty-four years ago as a Field Sales Engineer in Norfolk, VA. After advancing through multiple sales positions, and having sold multiple PowerLogic systems, John joined the PowerLogic power monitoring marketing team in Smyrna, TN in 1994. As the business grew, John's responsibilities shifted from a US domestic focus to a global focus, including being responsible for business development in Canada, Ireland, the UK, Spain, South Africa, Australia, and New Zealand. In recent years, his responsibilities shifted from supporting sales for all power monitoring product family sales in selected countries, to being responsible for specific products for all countries, including software and high-end metering products. This year John became the Offer Manager for the Power Quality metering products, including the ION7550 / ION7650, and the CM3000 / CM4000 series meters.

Application Questions

Room: Berton 1

Kevin Batycki, B.Eng., CEM
Solution Sales Engineering Manager
Schneider Electric Canada Services and Projects

Kevin has seventeen years of experience in the field of energy monitoring. He joined Schneider Electric in 2005 as part of the acquisition of Power Measurement Limited, where he worked in hardware design, software development, technical support, field services and sales. He is now responsible for the Solution Sales Engineering group within the Schneider Electric Canada Services & Projects division. This team of sales engineers supports Schneider's sales and engineering channels, focusing on energy monitoring, control and protection.

Energy Management for Municipalities

Room: Berton 3

Scott Vokey
Energy Services Coordinator, Local Authority Services

Local Authority Services (LAS) is a wholly owned subsidiary company of Association Municipalities of Ontario (AMO) and is mandated to work with municipalities to assist them in reducing the cost of their expenditures and in increasing their levels of revenues through the principles of economies-of-scale and co-operative procurement efforts. Scott has worked with LAS and AMO for the past five years in both program delivery and policy development in a range of areas affecting municipal government. Previously Scott had worked as a High School Teacher and Journalist in Canada and East Asia.

Data Centre Case Study

Room: Berton 3

Mark Neff, P.Eng,
Engineering Services Manager, E.A. Group

The E.A. Group has specialized in designing, building and maintaining critical infrastructure for over thirty years. Mark has been with EA for five years and brought fifteen years of automation and controls experience.

Husky Injection Molding

Room: Berton 3

Al Fiacco
Facilities Manager, Husky Injection Molding

Al Fiacco is the Facilities Manager of Husky Injection Molding Systems Ltd. In this role he is responsible for energy conservation initiatives and facilities management. Al graduated with a B.Sc. in mechanical engineering from the University of Alberta. He is a Certified Safety Manager, Certified Facilities Manager and Certified Energy Manager.

Earth Rangers

Room: Berton 3

**Graham Seaman, P.Eng., LEED AP
Facility Manager, Earth Rangers**

Graham has been leading Earth Rangers' drive for evermore sustainable building operations for over two years. He is responsible for building partnerships with cleantech companies to add their systems to the sustainable technology demonstrations already at the Earth Rangers Centre. Graham has eight years of engineering and project management experience in a variety of industries. After graduating from McMaster University with a Bachelor's in Materials Engineering and Management he got his first taste of sustainability working as a Project Engineer in a plant that recycled tires into automotive parts. He then moved on to a position as an HVAC Sales Engineer for a truck and bus industry supplier. All the while, he volunteered his engineering skills to lead a sustainable technology research group that constructed treadle water pumps designed in Africa for display at the University of Toronto's Sustainable Energy Fair for Engineers Without Borders, and helped build a green roof garden shed for smartliving St. Lawrence.

Energy Action/Reliability Analysis

Room: Berton 3

**Nicolas St-Germain, P.Eng., M.Eng., MBA
Solution Engineering Director
Schneider Electric Canada Services and Projects**

Nicolas has over sixteen years of experience in the field of electrical engineering. Prior to joining Schneider Electric in 2005, he has worked as a design engineer, engineering consultant and as an engineering manager. He is responsible for the overall direction of the Engineering Services group within Schneider Electric Canada Services & Projects division. Activities of the group include power system studies, power system engineering, energy management and design of renewable energy projects. Nicolas is a member of IEEE and AEE and is a registered Professional Engineer in the provinces of Quebec and Ontario. He is also a Certified Energy Manager and a LEED AP.