



# **SOLAR ENERGY & ONTARIO'S LDCs**

*First Quarterly - Ontario Solar Summit: February 8, 2011*

## **OPENING REMARKS & KEYNOTE**

### **Gunars Ceksters**

*Chair, Ontario Solar Network*

Gunars Ceksters was President and CEO of Enersource Corporation from May 2001 until June of 2007. Prior to that, he held the position of Chief Operating Officer of the Corporation's electricity distribution affiliate.

Mr. Ceksters was responsible for management of Enersource Corporation's full range of regulated and non-regulated business interests. This included the successful operation of Enersource Hydro Mississauga, one of Ontario's largest local distribution utilities. Mr. Ceksters is a strong proponent of the local utility role in developing smaller 'distributed' and clean sources of power generation to strengthen the reliability and capacity of Ontario's electricity grid. He is also a strong supporter of conservation delivered directly to customers, at the local level, to achieve sustained lowering of the demand for power. In pursuit of progressive change, Mr. Ceksters served as a member and Co-Chair of the Electricity Conservation and Supply Task Force throughout 2003. Mr. Ceksters places a priority on achieving success with smart metering and served on the provincial steering committee for the implementation of smart meters in Ontario. He was also appointed to serve on the on the board of the Electricity Distributors Association (EDA).

Mr. Ceksters holds a B.Sc. In Electrical Engineering from the University of Toronto and is a 31 veteran of the electric utility business. He has extensive experience in all aspects of electrical distribution and was an active member of many industry associations and committees. In 2005, Mr. Ceksters was awarded the EDA Chair's Citation for recognition of years of outstanding dedicated service to the association and the industry.

### **Colin Andersen**

*CEO, Ontario Power Authority*

Colin Andersen was appointed Chief Executive Officer of the Ontario Power Authority (OPA) in September 2008. Prior to joining the OPA, Mr. Andersen held a variety of senior financial and policy positions in the Ontario Public Service, playing a lead role in asset management, infrastructure investments and intergovernmental negotiations. Most recently, he was Deputy Minister, Ontario Ministry of Finance; Secretary of Treasury Board; Deputy Minister, Ontario Ministry of Revenue; Chair of the Ontario Financing Authority and Chair of the Ontario Electricity Financial Corporation. Mr. Andersen has a Masters Degree in Economics from the University of Toronto and an Honours Bachelor of Arts from the University of Calgary.

The OPA is responsible for ensuring a reliable, long-term supply of electricity for Ontario, focusing on promoting conservation resources, planning for the long term, and procuring generation.

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## **SESSION ONE: *Hydro One: Interconnection Experience & Challenges***

### **Jacob Travis**

*President, Ontario Solar Network; Founder, Ontario Solar Academy;  
CEO, SolarPro Consulting*

Jacob has been a solar entrepreneur and advocate since 2008. He began with SolarPro Search, a USA-based boutique Executive Search Firm serving established solar PV companies seeking to expand as well as experienced PV professionals seeking new career opportunities. SolarPro Consulting was established to provide expertise in solar design, financing, procurement and project management.

In December 2009, Jacob launched *Ontario Solar Academy* as companies began seeking well-trained solar design engineers, sales engineers and project managers. In the past year, Solar Academy has established itself as the leader in Canadian Solar PV training, with over 300 graduates to date.

Ontario Solar Network was founded by Jacob in April 2010 to meet the needs of Ontario's fast-growing PV industry to access "what and who they need to know." The Network is becoming a strong membership-based association dedicated to advancing business development opportunities for all stakeholders in Ontario's solar PV market.

Jacob received a Ph.D. from Brandeis University in Religion and, prior to entering into the solar industry, enjoyed a career in higher education and community service.

### **John Sabiston**

*Manager, Transmission Planning & Generation Connections / Transmission  
System Development, Hydro One Networks Inc.*

Mr. Sabiston is a registered Professional Engineer in the Province of Ontario and has been employed by Hydro One and its predecessor companies since 1978, a period of 33 years, primarily in the power system planning and operations areas. John is currently accountable for activities concerning transmission network planning, customer load connections to the transmission network and new generation connections to the transmission network for the portion of southern Ontario from Mississauga and Barrie westwards to Michigan including the Niagara Peninsula. This comprises close to 50% of the total Ontario customer load and a significant amount of the generation. This also includes the interconnections with both New York and Michigan.

Mr. Sabiston is also accountable for the contracting activities and Customer Impact Assessment studies for all transmission connected generation projects to Hydro One for the entire province. He has been active with the Northeast Power Coordinating Council, NPCC, since 1987 and served as the Chair of the NPCC Task Force on Coordination of Planning, TFCP, for 2008 and 2009.

### **John Fuerth**

*Manager, Distributed Generation Connection Planning, Hydro One Networks Inc.*

Mr. Fuerth is a Professional Engineer with 32 years experience in the electric power industry, including over 20 years in distribution system engineering and planning. In his current role he is responsible for the completion of impact assessment studies and determination of technical interconnection requirements, related to Distributed Generation applications for connection to the Hydro One distribution system. His group – the Generation Connections Department at Hydro One – has assessed almost 1000 applications for connection over the past few years. The group also works with other Distributors, or LDCs, to assess their Generation applications with respect to the impact at the upstream Hydro One transformer station or TS.

## **Brian Dickieson**

*Senior Supervisor/Manager, Generation Connections Coordination /Work Management & Technical Services, Hydro One Networks Inc.*

Mr. Dickieson has worked for Hydro One/Ontario Hydro for 24 years. He started his Hydro career in Control Maintenance Pickering Nuclear, spent 14 Years in the customer service side of Provincial Lines and 7 years in Program Development. Brian is currently accountable for coordinating the connections of generators with regards to Provincial Lines (i.e. getting the Generators physically connected). He is also accountable for internal process, training and reporting of generation connections.

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## **SESSION TWO: LDC & Solar Developer Cooperation: The Good, Bad & Ugly**

### **Jason Chee-Aloy**

*Managing Director, Power Advisory LLC*

Jason Chee-Aloy joined Power Advisory LLC in September 2010. Power Advisory LLC is a leading consulting firm specializing in electricity market analysis, business strategy, generation and transmission procurement, policy development, regulatory and litigation support, market design and project feasibility assessment. Mr. Chee-Aloy is presently acting for multiple clients across North America with business interests in renewable and clean energy.

Prior to joining Power Advisory LLC, Jason was the Director of Generation Procurement at the Ontario Power Authority where he was responsible for procuring electricity generation through direct negotiations, standard offer programs and competitive processes. He had responsibility for over 13,000 MW of contracted generation representing an approximate value of over \$23 billion. Most recently, Jason's main focus was leading the development, consultation and implementation of North America's first comprehensive Renewable Energy Feed-in Tariff Program including delivery of program rules, contracts and pricing. In December 2009, Jason received the Canadian Solar Industries Association's 2009 Solar Industry Leader of the Year award.

Mr. Chee-Aloy holds an M.A. in Economics and graduated from York University and the University of Toronto.

### **Jason Gray**

*VP & Country Manager, SunEdison*

Jason Gray leads SunEdison's strategic operations in Canada. In this role, he oversees the development, financing, and construction of all ground-mount and rooftop solar PV installations in the country. Mr. Gray works closely with provincial regulatory entities to help develop the marketplace and to help make solar energy a viable renewable energy solution for Canada. He is responsible for developing and activating over 27 MW of projects for SunEdison, including First Light; Canada's first operational solar energy park, a 9.1 MW ground-mount power plant located in Stone Mills, Ontario. More recently, Mr. Gray championed SunEdison's investment in the manufacturing of both solar PV panels and racking equipment in Ontario.

Prior to joining SunEdison, Mr. Gray worked at MNP, an accounting, consulting, and corporate finance firm, where he oversaw client engagements focused on energy and supply-chain management. Among his many assignments, he represented First Nation as the lead financial negotiator in the largest run-of-river IPP project in Canada. Prior to this role, he worked as an independent consultant in the oil and gas sector and served as Cargill Inc.'s Canadian Regulatory Affairs Superintendent.

Mr. Gray holds a BA and an MBA from the University of Calgary.

## **Dave Rogers**

*President & CEO, AMP Solar Group*

Dave Rogers is the founder and CEO of AMP Solar Group, a solar energy developer focused on rooftop and ground-mounted solar energy asset development in emerging renewable energy markets. AMP originates, finances, develops and manages solar assets long-term and works with bankable manufacturers and EPC firms as the platform for growth and scale.

Prior to founding AMP Solar Group, Dave worked at Front Street Capital, Canada's largest independent energy investment Management firm in Toronto, as Vice President of Carbon Origination and Investments. He was responsible for sourcing global investments in the carbon offset origination and renewable energy field as well as facilitating the purchase, sale and trading of carbon credits, both privately and through public exchanges. Dave established the Front Street Capital Carbon Fund in 2007 and established a diverse portfolio of investments within the Kyoto market and the North American pre-compliance market as well as overseeing the voluntary carbon trading activities within the firm.

Prior to joining Front Street, Dave worked in a number of roles that most recently included leading the North American Carbon strategy within the Direct Energy Business Markets division of Centrica LC, a leading global energy firm.

## **Christian Wentzel**

*CEO, Ontario Solar Provider*

Mr. Wentzel has a long-standing global track record in investing in and financing energy projects. His previous work experiences include Energy M&A at Credit Suisse, and Investment Research for Electric Utilities at Goldman Sachs, both in New York for the North American market. Before starting up Ontario Solar Provider, Mr. Wentzel was a Managing Director and Co-Founder at enlux Solar GmbH of Germany, a solar PV development, investment and installation firm. He has more than 1,000 kW in his family's portfolio of PV plants.

Mr. Wentzel received a BA in Economics from Columbia University, an MBA from the London Business School and is a CFA charter holder.

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## **SESSION THREE: LDC Leadership & CEO Panel Discussion**

### **Scott Stoll**

*Partner, Aird & Berlis LLP*

Scott Stoll is a partner and member of Aird & Berlis' Litigation Group, as well as the Energy, Environmental, First Nations and Infrastructure Teams. Scott is both a lawyer and licensed professional engineer. He has over fifteen years experience in the energy field, first as a project engineer and more recently as a lawyer. Scott has extensive experience in the electricity and natural gas sector. He represents distributors, generators, retailers and transmitters in the electricity industry, in addition to representing distributors and storage developers in the natural gas industry. He provides advice to clients regarding the regulated environment in which the energy industry operates including OEB rates, licenses and facility applications, IESO-administered markets and IESO compliance.

Scott has advised project proponents with regard to the recent procurement processes of the Ministry of Energy and the OPA and he has also assisted clients with issues about market participation and compliance with the IESO Market Rules.

**Michael Angemeer**  
*President & CEO, Veridian Corporation*

Michael Angemeer is the President and CEO of Veridian Corporation, one of the largest and fastest growing electricity distribution utilities in Ontario with a history of safe, reliable, and cost effective performance and a track record of successful mergers and acquisitions. Veridian Connections is responsible for distributing electricity to more than 113,000 customers in an area north and east of Toronto. Veridian's shareholders are the cities of Pickering and Belleville, the Town of Ajax and the Municipality of Clarington.

Veridian is a leader in innovation and environmental sustainability as evidenced by Michael's corporate vehicle, the first PHEV (plug-in hybrid electric vehicle) with solar assist in Canada. A greener fleet, buildings with a lower environmental footprint, geothermal heat pumps, solar panels and LEED certification, and innovative customer conservation and demand management programs have allowed Veridian to become a leader in this area. Michael is a leader in the energy industry, advocating positive change for the electricity system, utilities, customers and shareholders. He developed experience and leadership in over 24 years of business improvement in electrical distribution and transmission operations at Enersource Hydro Mississauga and Ontario Hydro before moving on to lead Veridian Corporation.

Michael is a Past Chair of the Electricity Distributors Association (EDA) Board and has served on a number of Government, Ontario Energy Board and EDA Task Forces and Committees. He served on the EDA Visioning Committee and helped chart the future direction for Local Distribution Companies. He is the Past and Founding Chair of the Durham Strategic Energy Alliance (DSEA), a business/government/educational institution energy cluster located in the Region of Durham. Michael is also a member of the Board of Management of the Ontario Centres of Excellence – Centre for Energy and serves on the Board of Governors of the University of Ontario Institute of Technology (UOIT). He has recently participated in the Smart Grid Forum and the Greening Greater Toronto Task Force.

Michael has a Bachelor of Applied Science in Electrical Engineering with Management Science from the University of Waterloo and became a Professional Engineer in 1988. He is a sought after speaker, having authored a number of publications and given a number of presentations to industry leaders.

**Barry Chuddy**  
*CEO, Guelph Hydro*

Barry Chuddy was appointed Chief Executive Officer (CEO) of Guelph Hydro Inc. (GHI) in 2009. GHI is the holding company for the entity which owns Guelph Hydro Electric Systems (GHES) which is the regulated distribution utility serving 50,000 customers in Guelph.

Mr. Chuddy has over two and a half decades of industry experience. He comes to Guelph Hydro from Columbia Power Corporation (CPC) where he served as its President and CEO. Previous to working at CPC he was Executive Vice President of Business Development and Marketing at Enersource Hydro Mississauga. Mr. Chuddy has also held senior positions with TransAlta and Emera Inc., and has served on numerous boards in the electricity industry.

A team leader with a strong financial and development background, Mr. Chuddy is a graduate of several Canadian military schools. He was an original stakeholder board member of the Independent Electricity Market Operator (now the IESO) in Ontario, where he chaired the IESO's audit committee, and he is a current Director of the Canadian District Energy Association.

Mr. Chuddy's CEO role is new for GHI. As part of a long term growth strategy, this position will focus on the evolution and implementation of GHI's business, including support of the City of Guelph's Community Energy Plan and has already seen the recapitalization of the Company and its restructuring.

## **Jack Simpson**

*VP, Generation, Toronto Hydro Energy Services Inc.*

In his role as Vice-President, Generation, for Toronto Hydro Energy Services Inc., Jack Simpson is responsible for the development, construction and operation of clean and green generation projects. He has extensive knowledge and experience in energy management and the utility industry. Over the past six years with Toronto Hydro Energy Services, Jack has played a key role in implementing efficiency, load management and generation projects for customers. He was an early advocate of green generation projects, responsible for the 750kW wind turbine at Exhibition Place and the 36kW photovoltaic system at 500 Commissioners St. in Toronto.

As a Professional Engineer with 16 years industry experience, Jack has worked for Ontario Hydro as Plant Engineer and Energy Analyst, with Ameresco as Project Engineer and Project Manager and for SNC Lavalin as Engineering Manager. He holds a Masters of Engineering from the University of Toronto, a Bachelor of Engineering from Ryerson Polytechnic University and a Bachelor of Science in Applied Physics from the University of Waterloo. In addition, Jack is a member of the American Society of Mechanical Engineers and holds the Certified Energy Manager designation from the Association of Energy Engineers.

## **Milan Bolkovic**

*Executive VP, Renewable Generation and Conservation, PowerStream Inc.,*

Milan Bolkovic has over 30 years experience in the electric utility industry and is currently the Executive Vice President, Renewable Generation and Conservation, at PowerStream Inc., the second largest municipally-owned electricity distribution company in Ontario, serving more than 325,000 customers in Simcoe County and York Region. Milan leads two business units at PowerStream. Focused on Solar Energy, the Renewable Generation Business Unit originates and implements renewable generation facilities owned and operated by PowerStream. The Conservation and Demand Management Business Unit delivers conservation programs to PowerStream's customers and is currently preparing to launch PowerStream's new series of OPA sponsored CDM programs.

He has served in a number of key roles at PowerStream. Prior to the merger that created PowerStream, Milan was the President and CEO at Markham Hydro Distribution Inc. He also played a key role in the start-up of Markham District Energy Inc. serving as its Chief Operating Officer and implementing a Co-generation Plant and piped distribution system which delivered thermal energy (hot water and chilled water) to its customers and electricity to the grid.

Milan serves as a Director for GLOBE (Green Light on a Better Environment), a subsidiary of Social Housing Services Corporation, focused on delivering energy efficiency services to the social housing sector.

A registered professional engineer, Milan has a Master, of Business Administration degree from the University of Western Ontario, a Master of Engineering degree from the University of Toronto and a Bachelor of Science degree in Electrical Engineering from Queen's University. He resides in Vaughan, Ontario, with his wife and four children.

## **Max Cananzi**

*CEO, Horizon Utilities*

President & CEO of Horizon Utilities Corporation. Mr. Cananzi has over 20 years experience in the energy and utility sector. Mr. Cananzi has been a strong advocate for electric utility consolidations in Ontario. His current focus is on growing the business through mergers and acquisitions with like-minded utility partners and on delivering sustainable and innovative energy solutions for customers. He is currently a Director on the boards of the Canadian Electricity Association (CEA), Electricity Distributors Association (EDA), and MEARIE, an electrical reciprocal insurance exchange.

Mr. Cananzi is a Professional Engineer with a degree in Electrical Engineering from the University of Toronto. He holds an MBA in Finance from York University.