



GROWING GRIDS

Sustaining Ontario's
Urban Electricity Assets



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You and a guest are invited to join us for a session on the future of Ontario's electricity delivery. Hear from top industry experts as they share insights into the challenges – and opportunities – of sustaining an aging urban infrastructure. **Space is limited. Register today!**

Who should attend?

This session is geared towards educators and senior students with an interest in infrastructure management and urban planning.

Thursday
November 29, 2012
8:00 A.M. – 2:30 P.M.

Sears Atrium
Ryerson University
245 Church Street
Toronto, ON

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Agenda

8:00 A.M. Breakfast and networking

8:30 A.M. Welcome remarks

**8:35 A.M. Building Bremner
Transformer Station**

Shaun Pinard, Project Consultant,
Toronto Hydro

**9:05 A.M. Overview of Electricity
Distribution in Ontario**

Thor Hjartarson, Vice President,
Asset Management and Planning, Metsco
Energy Solutions

**9:35 A.M. Risk-Based Asset Management
Tools: FIM, EI, ACA**

Rob Otal, Supervisor, Systems, Risk and
Reliability, Toronto Hydro

10:05 A.M. Coffee break

**10:25 A.M. Panel Discussion: Challenges
Associated with Managing Aging
Infrastructure in Toronto**

Guillaume Paradis, Manager, Operational
and Capital Investment Planning,
Toronto Hydro

Chris Kerr, Supervisor, Project Planning,
Toronto Hydro

Daniel Smart, Supervisor, Project Planning,
Toronto Hydro

11:30 A.M. Lunch

**12:30 P.M. Grid Performance Metrics &
Projection Models: Historical and
Projected Reliability and Industry
Involvement (CEA)**

James Wei, Engineer, Toronto Hydro

**1:30 P.M. Power System Engineering: State
of Electricity Rates in Ontario**

Steve Fenrick, Managing Economist, Power
System Engineering

2 P.M. Questions