



Conservation & Demand Management in a Sustainable Energy Future Conference & Exhibit *Conference Program*

Monday, June 11, 2012

Welcome Reception: Sunday, June 10, 2012

DeGroot School of Business - Ron Joyce Centre

4350 South Service Road; Burlington Ontario L7L 5R8

Organized by: Energy Studies Review of McMaster University's
DeGroot School of Business; <http://digitalcommons.mcmaster.ca/esr/>

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Burlington **hydro** inc.



Speakers include:

- Hon. Chris Bentley, MPP**, Minister of Energy, Province of Ontario
- Gord Miller**, Environmental Commissioner, Province of Ontario
- Alan Thomson**, Senior Partner and Managing Director, The Boston Consulting Group
- Barry Beale**, Director, Conservation & Distributed Energy, Ontario Ministry of Energy
- Sarah Van Der Paelt**, Director of Sales, Business Markets, Union Gas
- Giuliana Rossini**, Director, Strategy and Conservation Officer, Hydro One
- Brian Smith**, Chief Conservation Officer, Horizon Utilities
- Joe Saunders**, Director, Regulatory Compliance and Asset Management, Burlington Hydro
- Sandy Manners**, Director, Corporate Communications, Guelph Hydro
- Helmi Ansari**, Director, Sustainability and Productivity, PepsiCo Foods Canada
- Bernie Neenan**, Economist, Electric Power Research Institute (EPRI)

**Ontario has set Conservation Targets of 1,330 MW of Demand Reduction
and 6,000 GWh of Energy Savings by 2014**

– How will this impact you and your business?

- Come and learn how you can become part of this SUSTAINABLE ENERGY FUTURE

Chair's Welcome

This Conference will bring together industry and utility leaders, manufacturers, experts and stakeholders in the fields of conservation and demand management (CDM), demand-side management (DSM), demand response (DR), "Smart" devices, energy efficiency, renewable energy and various generation technologies to help utilities, energy users, manufacturers, service providers, community planners, and other stakeholders understand and identify how these components will work together to deliver a sustainable energy future, and how these technologies and systems can provide benefits to individuals and organizations.

Putting Policy into Practice:

The energy conservation landscape has recently changed in Ontario with new CDM/DSM frameworks issued by the Ontario Energy Board (OEB). Local Distribution Companies (LDCs) have now been given conservation targets. Come and hear from leading companies and innovators that are involved in delivering energy-efficiency and load-control solutions.

We have assembled a broad cross-section of speakers who will cover a wide range of topics. I invite you to come and join us to learn about the latest initiatives designed to accelerate the adoption of new energy-efficient solutions. Share your experiences at the interactive panel discussion. Learn about the latest technologies from leading suppliers and exhibitors, and discuss issues and opportunities with key stakeholders at the various networking sessions.

I look forward to meeting you at the Conference.

Best regards,

Dean C. Mountain
Editor-in-Chief,
Energy Studies Review



Welcoming Reception

Sunday, June 10, 2012

7:00 to 8:30 pm; **Ron Joyce Centre**
4350 South Service Road
Burlington Ontario L7L 5R8

*Meet and greet your colleagues interested in
Conservation and Demand Management
in a Sustainable Energy Future*

Conference Program

Monday, June 11, 2012

MORNING AGENDA

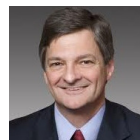
7:45 **Registration Opens** / Continental Breakfast
Ron Joyce Center – Atrium / Great Hall

8:30 **Opening Plenary (Auditorium)**

Dean Mountain, Conference Chair
Welcoming Remarks

Introduction of Keynote Speakers: *Robert McNutt, (acting) Dean, DeGroot School of Business, McMaster University*

KEYNOTE SPEAKERS



Opening Address
Hon. Chris Bentley, MPP
*Minister of Energy,
Province of Ontario*



**Sustainable Energy -
Sustainable Business**
Alan Thomson,
*Senior Partner & Managing Director,
The Boston Consulting Group*



**Opening a New Chapter in
Conservation & Demand
Management In Ontario**
Gord Miller,
*Environmental Commissioner,
Province of Ontario*

10:00 -
10:30 **Morning Refreshment Break
Exhibits Open**

10:30 -
12:15 **Concurrent Session 1A (Auditorium)
- CDM Implementation - part 1**

**Meeting Conservation & Demand Management
Targets,**
Giuliana Rossini, Hydro One

Information, Choice & Flexibility
Dean Mountain, McMaster University

**Union's Experience with CDM Programs
- A Primer for LDCs**
Steve Rakidzioski, Union Gas

10:30 -
12:15

**Concurrent Session 1B (Rm 214)
- CDM Partnerships**

Joint Delivery of CDM Programs by Electric & Natural Gas Utilities

*Igor Mozetic, Union Gas &
Rick Tomson, Burlington Hydro*

Partnering with Municipalities for CDM Delivery

Sandy Manners, Guelph Hydro

Capturing CDM Market Potential by Developing Channel Partner Relationships

Brian Smith, Horizon Utilities

10:30 -
12:15

**Concurrent Session 1C (Rm 263)
- Role of Rates & Regulations in CDM**

The Motivation Behind Ontario's CDM Regulations

Barry Beale, Ontario Ministry of Energy

Evolving CDM Requirements - How to Cope with the Uncertainty?

Marc Collins, Elenchus

Effectiveness of Inducements to Modify Electricity Consumption Behavior

Bernie Neenan, Electric Power Research Institute

12:15

LUNCH (Great Hall)

12:35

Luncheon Keynote

Introduction of Luncheon Speaker,



The Sustainability Journey at PepsiCo Foods Canada,

Helmi Ansari,
*Director, Sustainability and Productivity,
PepsiCo Foods Canada*

1:15 -
1:45

**Exhibits Open
Student Poster Presentations**

AFTERNOON AGENDA

1:45 -
3:30

**Concurrent Session 2A (Auditorium)
- CDM Implementation - part 2**

Utility Controlled Zoning of Residential Cooling for Peak Demand and Energy Savings

*Jeremy Sager, Natural Resources Canada &
Dean Mountain, McMaster University*

Emergence of the Lost Art on On-Bill Financing

Judy Simon, Elenchus

CDM Opportunities in Compressed-Air Systems, with Examples from New Brunswick, British Columbia & the United States

Ivor DaCunha, LeapFrog Energy Technologies

1:45 -
3:30

**Concurrent Session 2B (Rm 214)
- Benchmarking for CDM**

Geo-Mapping Energy Intensity to target CDM Opportunities - *Cory Slinger, Horizon Utilities*

Leveraging Automated Metering Infrastructure (AMI) to Achieve Conservation

Joe Saunders, Burlington Hydro

Base-Load Electricity Usage - Results from In-home Evaluations

*Anil Parekh, Natural Resources Canada &
Terry Strack, Strack & Associates*

1:45 -
3:30

**Concurrent Session 2C (Rm 263)
- New CDM Opportunities**

Next Generation Energy Efficient Buildings

Derek Satnik, Mindscape Innovations

Demand Response Opportunities in Electric Space Heating & Cooling using Storage

Frank Lenarduzzi, Terra Power Systems

Time-Shared Energy Managers for Delivering Energy Savings

Kaushik Bhattacharjee, REI Power

3:30 -
4:00

**Afternoon Refreshment Break
Exhibits Open**

4:00

Panel Discussion (Auditorium)

Conservation, Demand Management & Sustainability - What's needed to deliver program efficiency & sustainability?

Moderator: Marion Fraser, Fraser & Company

Panel Members:

Alan Thomson, The Boston Consulting Group

Sarah Van Der Paelt, Union Gas

Giuliana Rossini, Hydro One

Julia Dalla Rosa, Summerhill Group

5:00

Closing Plenary (Auditorium)

Announcement of the Winning Student Poster

Closing Remarks from the Conference Chair

5:30 -
6:30

Closing Reception

Who Should Attend

Local Distribution Companies
Natural Gas Distributors
Electric Utility Companies
Energy Retailers
Power users
Municipal and community planners
Energy Consultants
Equipment and Controls Manufacturers
Renewable Energy Suppliers
Energy Service Providers
System Operators
Energy Regulators
Government Agencies
University Researchers
Building Owners / Property Managers
Plant and Facility Managers
Maintenance Managers

Exhibitors include

Blue Line Innovations
Elster Metering
Horizon Utilities
McMaster University
McMaster - Energy Studies Review
Sustainable Resources Management
Terra Power Systems

What You Will Learn

- the role of legislation and government in driving conservation and demand management (CDM) programs;
- new requirements for CDM programs in Ontario
- new CDM initiatives being developed and delivered by organizations;
- ways of targeting CDM efforts to maximize results;
- examples of partnerships to improve delivery efficiency and program results
- advanced rate design options;
- future opportunities for conservation and demand management.

Conference Proceedings

The Conference Proceedings will be posted on the **Energy Studies Review (ESR)** website shortly after the conference date.

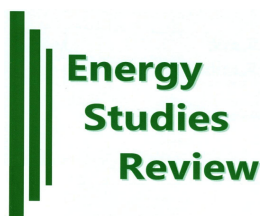
Please go to the ESR website and follow the links to the **2012 Conference Proceedings**.

ESR Conference website:

<http://esr.degroote.mcmaster.ca/index.html>

Need Information?

Please contact Energy Studies Review:



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