



# Conservation and Demand Management Workshop & Exhibit Program



Monday, May 30, 2005  
Welcome Reception – Sunday, May 29, 2005  
McMaster University, Hamilton, Ontario

## Energy Efficiency, a Key Resource in Meeting Future Energy Needs

Attend the **Power Save Series Workshop & Exhibit on Conservation and Demand Management**  
- Organized by the McMaster Institute for Energy Studies.

**Ontario's Target: 5% reduction in Peak Electricity usage by 2007**

*Conservation & Demand Management can make significant contributions to the security of Ontario's electricity market and positive contributions to Ontario's environment*



**Come and learn how you can manage your energy costs and protect your future profitability by increasing energy efficiency today.**

**Sponsored by:**

Horizon Utilities Corporation

**Gold Level:**



Union Gas



**uniongas**

A Duke Energy Company

**Silver Level:**

Ameresco Canada

Toronto Hydro Energy Services



**Bronze Level Sponsors:**

Peterborough Utilities Inc.

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IndEco Strategic Consulting Inc.

Natural Resources Canada



Natural Resources Canada

Ressources naturelles Canada

## Chair's Welcome

Dear CDM Workshop Participants:

This Workshop will bring together experts and stakeholders in the fields of energy efficiency, performance standards, conservation and demand management, to help Ontario energy users, manufacturers and service providers understand and identify efficiency improvements to benefit their organizations.

### **The Evolution of the Ontario Energy Market:**

The transformation of Ontario's energy markets continues. To help foster greater energy efficiency in the province the Ministry of Energy has committed to promoting a conservation culture across the province. The Ministry has set a target for the province of a 5% reduction in peak electricity demand by 2007, and the government has set a target of 10% in its own operations over the same time period.

### **Putting Policy into Practice:**

Speakers from agencies such as the Ontario Energy Board (OEB) and the Ontario Power Authority (OPA) will help customers, consultants, manufacturers and utilities understand the changes that are occurring in the Ontario energy markets in the area of demand-side management, energy efficiency and conservation. Opportunities to participate in programs and increase the efficiency of energy use in various sectors of the Ontario economy will be investigated.

I encourage you to attend this workshop to learn the latest information about Conservation and Demand Management, and to provide you with an opportunity to voice your opinions on this important issue.

Best regards,

Dean C. Mountain  
 Director,  
 McMaster Institute for Energy Studies



McMaster Institute  
 for Energy Studies

## Welcoming Reception

**Sunday, May 29, 2005**

7:00 to 8:30 pm at "Celebration Hall",  
 Kenneth Taylor Hall, McMaster University  
**Meet and greet your CDM colleagues**

## Workshop Program

**Monday, May 30, 2005**

### MORNING AGENDA

**8:00 Registration Opens / Continental Breakfast**  
*McMaster University, "Celebration Hall",  
 Kenneth Taylor Hall (KTH-building)*

**8:30 Opening Remarks (KTH – B135)**

*Dean Mountain, Director, MIES*

**8:40 Introduction of Keynote Speaker, Paul Bates, Dean,  
 DeGroot School of Business, McMaster Univ.**

**8:45 KEYNOTE SPEAKER**



**Peter Love**  
 Chief Conservation Officer, Ontario  
 Power Authority

**9:05 Smart Metering and CDM,**  
*Ken Sargent, Blue Line Innovations*

**9:25 CDM - Lessons Learned,**  
*Michael Brophy, Enbridge Gas Distribution*

**9:45 Emissions Credits,**  
*David Coates Ontario Power Generation*

**10:00 - 10:30 Morning Refreshment Break  
 Exhibits Open (Celebration Hall)**

**10:30 - 11:50 Concurrent Session 1A  
 - Heating & Cooling 1 (MGD – B105)**

**New Heating System Designs,**  
*Steve Davies, Ecologix Heating Technologies Inc.*

**CDM Programs & Free Riders, Ken Deal,**  
*marketPOWER research inc. & McMaster University*

**Reducing Energy Use with Ground-Coupled  
 Technology, Robert Mancini, Geothermax Inc.**

**The Energy Drill Program™ at Milton Hydro, Raegan  
 Bunker, IndEco Strategic Consulting Inc.**

**10:30 - 11:50 Concurrent Session 1B  
 - Efficient Buildings (MGD – B107)**

**New Green Building Designs,**  
*Steve Carpenter, Enermodal Engineering Ltd.*

**Lighting the Way to Energy Savings,**  
*J.R. Salker, Osram Sylvania Ltd.*

**Business Case Development,**  
*Steve Hood, Johnson Controls Inc.*

**Commercial Building Incentive Program,**  
*Bruce Strathearn, NRCan*

**11:50 LUNCH (Celebration Hall)**

12:05 **Introduction of Luncheon Speaker, Mamdouh Shoukri, VP Research, McMaster Univ.**

12:10 **Luncheon Speaker**



**“Meeting Ontario’s Future Energy Needs”**, Howard Hampton, Leader of the Ontario New Democratic Party, MPP for Kenora-Rainy River

12:30 - 1:20 **Exhibits Open (Celebration Hall)**

**AFTERNOON AGENDA**

1:20 - 2:40 **Concurrent Session 2A - Heating & Cooling 2 (MGD – B105)**

**New Developments in HVAC Products**, Gerry Vandervaart, Kool-Fire International  
**Improving HVAC Performance**, Larry Brydon, Ozz Corporation  
**Energy Program Implementation at McMaster**, Tom Klajnerman, Ameresco Canada  
**CDM Activities at London Hydro**, Hans Schreff, London Hydro  
**Saving Energy with Drainwater Heat Recovery**, Denis Van Decker, RenewABILITY Energy Inc.

1:20 - 2:40 **Concurrent Session 2B - CDM Applications (MGD – B107)**

**Retrofits Save Energy at The Toronto Star**, Peter Tsilivis, The Toronto Star Press Centre  
**Monitoring & Tracking - The Cornerstone of Successful Energy Management**, Jim Jefferson, Energy Advantage Inc.  
**CDM Activities at Horizon Utilities Corp**, Brian Smith, Horizon Utilities Corporation  
**Energy Supply Pricing and Procurement**, John Kiemele, En-Pro International Inc.  
**TBA**, Canadian Niagara Energy, David Arkell

2:40 - 3:10 **Afternoon Refreshment Break Exhibits Open (Celebration Hall)**

3:10 **Panel Discussion (KTH – B135)**

**Creating an Integrated Plan for CDM in Ontario**  
 Moderator: Frank Lenarduzzi - MIES  
 Panel Members:  
 Horizon Utilities Corporation – Brian Smith  
 Union Gas Limited - Mel Ydreos  
 Ontario Power Authority – Paul Shervill  
 McMaster University – Ken Deal  
 Natural Resources Canada – Brian Killins  
 Ontario Energy Board – Allan Fogwill

4:30 **Closing Remarks from the Chair**

4:45 **Cocktail Reception (Celebration Hall)**

## Who Should Attend

Power Users  
 Plant and Facility Managers  
 Maintenance Managers  
 Property Managers  
 Building Owners / Managers  
 Consultants  
 Local Distribution Companies  
 Electric Companies  
 Energy Consultants  
 Equipment and Controls Manufacturers  
 Energy Service Providers  
 System Operators  
 Energy Regulators  
 Government Agencies  
 Energy Marketers and Traders  
 University Researchers

## What You Will Learn

- How others are reducing energy costs through CDM
- How CDM could impact your bottom line
- Practical examples of CDM applications
- New products and technologies to achieve energy saving
- Latest Information on CDM Activities in Ontario
- Next steps in creating an integrated plan for CDM in the Ontario

## Exhibitors

Ecologix Heating Technologies Inc.  
 En-Pro International Inc.  
 Horizon Utilities Corporation  
 Independent Electricity System Operator (IESO)  
 Mits Airconditioning Inc / Kool-Fire International  
 Natural Resources Canada  
 Ozz Corporation  
 Peterborough Utilities Inc.  
 RenewABILITY Energy Inc.  
 Terra Power Systems Inc.  
 Tirino Corporation  
 Union Gas

## Need Information?

Please contact: **Ruth Sutherland**  
 at 905-525-9140 Ext 24527  
 or mies@mcmaster.ca

**REGISTRATION: - CDM Workshop & Exhibit; May 30, 2005**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_

Prov/State: \_\_\_\_\_ PostalCode/Zip: \_\_\_\_\_ Tel: \_\_\_\_\_

Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Registration Payment:  Cheque - payable to **McMaster University** (please enclose)

VISA       MasterCard

Name on Card: \_\_\_\_\_

Credit Card No: \_\_\_\_\_ Expiry Date: \_\_\_\_\_

Signature: \_\_\_\_\_

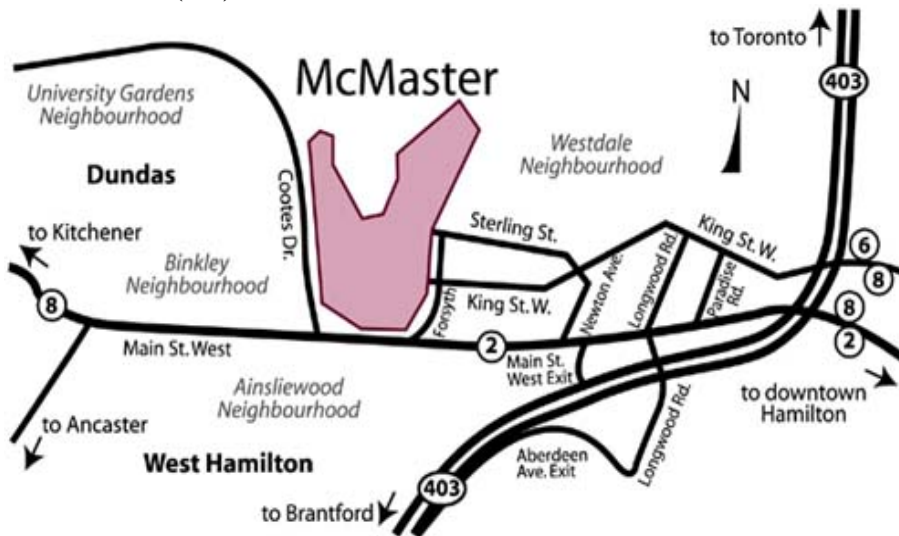
Yes, I will be attending the Welcoming Reception on May 29<sup>th</sup>

Yes, I am interested in being an exhibitor

Registration Fees:      \$225 per person

and Mail to:              **Ruth Sutherland, Administrative Assistant (mies@mcmaster.com)**  
**McMaster Institute for Energy Studies**  
**Kenneth Taylor Hall, Room 330**  
**1280 Main Street West**  
**Hamilton, Ontario, Canada, L8S 4M4**

or FAX to:                (905) 777-8344



Map & Directions: <http://www.mcmaster.ca/welcome/directions.cfm>