# AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS INC.

London, Canada Chapter No.116 (www.execulink.com/~tpollard/ashrae.html)

JANUARY 2003



### Board of Governors & Committee Chairs

President
Tom Pollard
Ph (519) 685-2570
Tpollard@execulink.com

Vice President & Program Chair Ed Lainsbury Ph (519) 451-5100 ELainsbury@price-hvac.com

Secretary
Terry E. Arcese
Ph (519) 748-1860
Terrya@htseng.com

Treasurer
Derek Vakaras
Ph (519) 679-8660
Derek vakaras@chorley.com

Student Affairs Scott Edmonds Ph (519) 667-4108 Sedmunds@uniongas.com

Membership
Joe Claessens
Ph (519)672-8511
Joe@smyliecrow.com
TEGA
Scott Turner
Ph (519)652-1977
scott@somersep.com

Research
Daryl Somers
Ph (519) 652-1977
Dsomers@somersep.com

Historian
Paul Martin
Ph (519) 641-4300
Kilmersw@rogers.com

Reception
Paul Martin
Ph (519) 641-4300
klimersw@rogers.com

Newsletter
Jason Vandenberghe
Ph (905)545-5479
Jasonv@aquatech.ws

Golf Tournament Hugh Palser Ph (519) 471-9382 palserent@primus.ca Speaker: Mike Williams P. Eng., MBA, MTax
National Manager of Program Development
Johnson Controls

Graduate of the University of Waterloo – Engineering Holds an MBA at Wilfrid Laurier University Completed a Post-Graduate MBA specializing in Finance at York University Recently graduated with a Masters of Taxation from the University of Waterloo Completed Level 1 of the Chartered Financial Analyst Program

Responsible for the energy engineering group at Johnson Controls and for the development of financial programs and solutions that support energy management and facilities renewal initiatives.

#### **TOPIC OVERVIEW**

## The Economics of Co-Generation Solutions and the Impact of Bill 210

- 1. Review of Critical Financial Variables and the Risks
- 2. Sizing Strategies
- 3. The Economics of Co-Generation (using an example)
- 4. The Accounting Impact (Public and Private Sector Projects)
- 5. Procurement Options

#### The Impact of Bill 210

- 1. The Underlying Politics and Rational behind Bill 210
- 2. The Rate Cap
- 3. Incentives to Increase Investment in Supply Capacity
- 4. Going Forward

### Location: The Lamplighter Inn 591 Wellington Rd., S.

#### **BUFFET MENU**

Monday JANUARY-20-2003

Social —5:15pm

Dinner—6:00pm

Meal cost \$35.00 or meal plan \$150.00 Student's \$15.00

#### President's Message

November's meeting was very well attended (total of 51) with 20 students. I would like to thank those companies that have offered to sponsor the students. By sponsoring the students, it allowed the students to attend a local meeting and gain an ASHRAE membership.

This month's chapter meeting has been moved one week earlier then normal to allow attendance that the AHR Expo and ASH-RAE Winter meeting in Chicago from Jan 23 - 29, 2003, more information can be found at www.ahrexpo.com/pc

The Chapter has also arranged for February's meeting at the new John Labatt Centre Be sure to attend the January meeting to find out more and pick up your game tickets.

See you at the meeting

Tom Pollard, P. Eng **Chapter President** 

#### PRE-DINNER TECH TALK

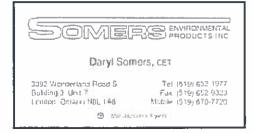
Mr. Michael Savel, P. Eng. **Account Manager Toromont Caterpillar Power Systems** 

Mr. Savel has been involved in equipment sales and companyowned investment in electric power & distributed generation projects for more than seven years. Michael represents Caterpillar's natural gas & diesel power equipment & related products ranging from 50 kW to 7 MW.

Michael's talk will focus on distributed generation (DG) equipment, covering the following areas of interest

- \* DG products
- \* DG applications
- \* DG economics
- \* current Ontario electric & DG market











Johnson Controls Ltd. Controls Group 80 Bessemer Road Landon, Ontario NSE 181 TEL 519/631-1221 FAX 519/681-9322 Internet john vaet # jot com



Norm Clarks, #. Engl Desmot Manage

Three General A Helinule Court Condon, On NSV 403 Fai 519 453 3024

Whose fails 19 256 (922 Same Fer \$19,337 (158)



Eric W. Shaw

Salas Manager London Destrat.

301 Canambian Ert Lundan, Orcano 1967 258 Tel. (510) 964 0022 Call (\$19) 852 8000 Fire (510) épics/(190 estrand forpilarangula imen WAY DISTRIBUTED IN THE

MYORC WILL A MITSUBISHIELECTRIC VENMAR



# Special event

FRIDAY FEBRUARY 21, 2003

## JOHN LABATT CENTRE TOUR and LONDON KNIGHTS HOCKEY GAME

Be sure to attend the Jan 20 meeting to pickup your game tickets. Those that have already signed up will be guaranteed a ticket. All others are first come - first served (we are limited to 54 and have already more than ½ have been spoken for). Tickets (\$35.00) include pre-game facility tour, access to reserved group box, London Knights vs Erie Otters Hockey Game, and some light snacks (a cash bar will be available for drinks). More details will be available at the Jan 20 meeting.

#### WINDSOR CHAPTER MEETING

The Windsor Chapter is hosting Gordon Holness, ASHRAE Fellow at it's February meeting. He will be presenting a virtual reality simulation based around a Hospital Operating Theatre. It promises to be a very interesting meeting.

We would like to extend an invitation to the meeting to your chapter and to any business associates you think may benefit from the presentation. All of the information is in the attached word document. It will be held at the Hilton International Hotel on February 18th. Please call or email either myself at (519) 436-4600, x 2970 (email Lgrondin@uniongas.com) or John Staples at (519) 966-1550 (email bryant@wincom.net).

We hope that members from the London Chapter are able to attend.

Thank you!

<<London letter gordon holness.doc>>

Lorraine Grondin Windsor Chapter



#### **EFI IRONROSS**

Manufacturers Agents for: FANS • COILS • AIR HANDLING UNITS • SILENCERS • ISOLATION • FILTERS • DAMPERS

Jim Irons

ieorge Clark

E78 BELMONT AVE, WEST, SUITE 364 KITCHEMER, OKTARIO NEM INE PHONE: #19-J42-811 E-MAR: <u>491-KKI-EF-(CONTRESCOM</u>

### Mech-Mart

a div. of W.B. Gingerich Sales Ltd

Wayne Gingerich 107 Hamilton Rd , New Hamburg, ON NOB 2G0

Tel (519) 662 2460 Tel (905) 523-7665 1-800 265-1001 Fax (519) 662 2491

E-Mail: mechman@star.ta



#### PALSER ENTERPRISES LTD.

MECHANICAL AND ARCHITECTURAL MARKETING AGENCY

Hugh D. Palser

1865 BLUE HERON OR, BOX 28136 LONDON ON NEH 5R2

BUS: (519) 471-9382 FAX: (519) 471-1049

### NORTHERN INDUSTRIAL

-FANS & BLOWERS-

MARTIN HALLIWELL, P.Eng.

Tel: (519) 740-7000 Fax: (519) 740-7091 1-888-FAN-COH. niscowat@globalserve.net



4-122 Earl Thompson Rd, AYR, ON NOB 1E0

		, ,	