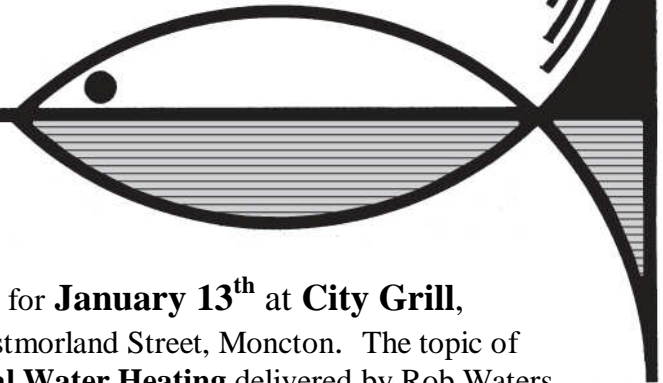




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NB PEI CHAPTER



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This month's meeting is scheduled for **January 13th** at **City Grill**, formerly Boomerangs, on 120 Westmorland Street, Moncton. The topic of this meeting will be **Solar Thermal Water Heating** delivered by Rob Waters of **Viessmann Manufacturing Company Inc.** A social hour will begin at 5:00 PM with a cash bar, and Dinner will be served at 6:00 PM.

January's meeting is **Student Night**. A reminder on dinner prices: new members, students and first time guests (potential members) receive their first meal free; thereafter, students pay \$10 and others pay \$20.

A reminder to the Executive, Board of Governors, and the Committee Chairpersons that the executive meeting will start at 3:30 PM at City Grill.

Solar Heating Technical Session

Presented by: Thomas Industrial Sales Ltd. and Viessmann Manufacturing Company

The NB/PEI Chapter and Thomas Industrial Sales will be hosting a half day seminar on solar heating. Rob Waters, from Viessmann Manufacturing Company, will be on hand to provide information on solar heating systems and proper design practices.

Topics include:

- Commercial solar thermal water heating systems:
- Applications that provide the best economics
- Site requirements
- Flat plate vs vacuum tube collectors
- Design and sizing criteria for commercial solar water heating
- System layout options
- Using solar simulation software as a design tool
- Government incentives available for solar thermal

Date: Wednesday, January 14th, 2009

Location: Holiday Inn Express

Time: 8:30 am - 2:30 pm

To register or get more details, please contact Luc Dugas at:
phone: (506) 388-3273 or e-mail: luc.dugas@enbridge.com



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Frédéric R. Desjardins,
 P.Eng., LEED® AP
 Mechanical Design Engineer

Toronto Winnipeg Vancouver Ottawa Moncton Saint John

January ASHRAE Meeting overview:

Subject:

- Solar Thermal Water Heating

Topics covered:

- Overview of world wide solar thermal heating market
- Solar thermal water heating systems:
- Applications - DHW, pool heating and space heating supplement
- Site requirements
- System components
- Basic design and sizing criteria
- Government incentives available for solar thermal

Rob Waters CET is currently Manager of Viessmann Academy and Solar Products. He is a graduate of Humber College of Applied Arts and Technology in Toronto, 1982, diploma in Mechanical (Solar) Engineering Technology.

His prior work history in the hydronic heating field includes:

Guelph Energy World, 3 years – Selling and installing solar pool and DHW heating systems, and other energy saving products.

Wirsbo of Canada - 6 ½ years – Designing, laying out radiant floor heating systems. Training seminar instructor for the last 4 years with Wirsbo.

Employed at Viessmann since June 1995 – Manages the Solar Products Division, with responsibilities which include residential and commercial project design support, solar software simulations, solar training seminars, new product introductions and literature development. Responsibilities also include overseeing the Viessmann Academy, which puts on training seminars on Viessmann products for contractors, wholesalers and engineers.

His expertise includes almost all aspects of hot water heating systems, especially gas and oil boilers, radiant floor heating systems, solar water heating systems, hydronic controls, residential and commercial system design and control.



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Summary of last month's meeting

The meeting in December was held on December 9th, 2008. This meeting was Past President's night and also served as a Christmas party. Past Presidents and Chapter members, along with their partners, were invited to this social event, which did not feature a guest speaker. A great time was had by all. Past Presidents in attendance for this event included Terry Steeves (1977-1979), Dave Potter (1981-1982), Gerry Waselynychuk (1988-1989), Luc Dugas (2000-2001; 2003-2004), Charles Edwards (2004-2005), Ken Martin (2005-2006), Frederic Desjardins (2006-2007), and Dwight Scott (2007-2008). See picture (left).



Emile R. LeBlanc Memorial Scholarship \$1000

On 10 December 2008 André Alves de Sousa won the ASHRAE Chapter Scholarship at NBCC Moncton. Andre is an international student from Brazil and is in his senior year of Building Services Engineering Technology (BSET). Andre is receiving the scholarship from ASHRAE Chapter President Elect John Willden, P.Eng.,MBA. See picture (right).

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ASHRAE NB/PEI Chapter - Afternoon Out With The Cats

Reminder - The ASHRAE NB/PEI Chapter would like to invite all chapter members and guests to attend a hockey game between the Moncton Wildcats and the Shawinigan Cataractes on Sunday February 22, 2009. Details are included in the registration form, which can be found on our website at www.ashraenpei.com. The deadline for registration for this event is January 30, 2009. If you have any questions, please contact Dan Boudreau at (506) 858 1300 or by email at dboudreau@enerplan.com.

NB/PEI ASHRAE Chapter Meeting Schedule 2008/2009

January 13, 2009
 Student Night
 Topic: Solar Heating

February 10, 2009
 Research Promotion Night
 Topic: Copper Fin Boilers

March 10, 2009
 Refrigeration Night
 Topic: Refrigerants

April 7, 2009
 Research Promotion Night
 Topic: Distinguished Lecturer

April 22, 2009
 ASHRAE WebCast
 Topic: Indoor Air Quality

May 12, 2009
 Refrigeration Night
 Topic: Dehumidification

June 9, 2009
 Membership Night
 Topic: Corridor Resources



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