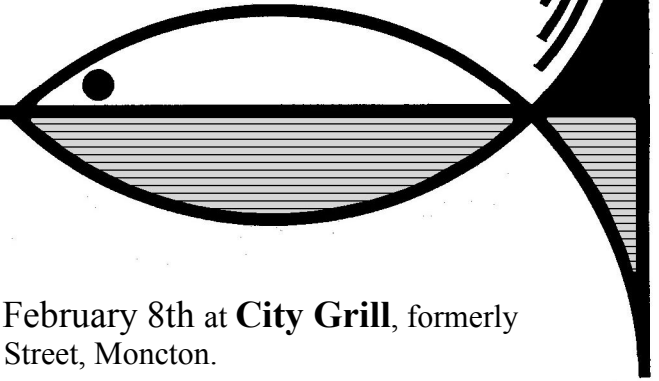


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Our next meeting is scheduled for February 8th at **City Grill**, formerly Boomerangs, at 120 Westmorland Street, Moncton.

The feature presentation at this meeting will be on the topic of biomass boilers, presented by Simon Koeb of Viessmann Manufacturing. A social hour will begin at 5:00 PM with a cash bar, followed by the presentation at 6:00 PM and Dinner at 7:00 PM

The February meeting theme will be **History Night**.

Executive Meeting Notice

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.



Chapter Vice-President John Willden (L) presented Heather Ginson (R) of Riverview, NB with the Chapter's Emile R. LeBlanc Memorial Scholarship in the amount of \$1,000. Ms Ginson is a second year student in the Building Services Engineering Technician (BSET) program at NBCC Moncton.

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Toronto Winnipeg Vancouver Ottawa Moncton Saint John

February Program

The topic of this month's feature presentation are biomass boilers and their applicability in our market. Simon Koeb of Viessmann Manufacturing will provide case studies for biomass boilers, marketing approaches, and suitable applications. He will also provide information on several important design factors to consider when applying this style of heating system.

Speaker Biography

Simon Koeb is responsible for marketing the biomass boiler line of Viessmann Manufacturing (KOB biomass boilers) in North America. Simon holds a Masters degree in Business Administration from the University of Applied Sciences in Dornbirn, Austria and spent a term at the University of British Columbia where he not only learned to love the Country but also realized the tremendous potential for biomass solutions for this country

His career has been focused on biomass heating equipment dating back to his very first occupation. He was engaged as an apprentice for mechanical and electrical engineering at his father's biomass boiler manufacturing plant (KOB Holzfeuerungen GmbH) in Wolfurt, Austria.

After being a product manager for Building Automation Systems he decided to return to the biomass path as a Key Account Manager at KOB Holzfeuerungen.

After the acquisition of KOB Holzfeuerungen by one of the world's biggest boiler manufacturers, the Viessmann Werke GmbH und Co. KG he returned to North America to spearhead Viessmann's biomass efforts in this region.

Biomass Boiler Seminar

Viessmann will be hosting a day-long seminar on biomass boilers for ASHRAE NB/PEI chapter members. The seminar will take place at the Moncton Holiday Inn Express (2515 Mountain Rd) on Wednesday, February 9 from 9:00 AM to 3:00 PM. There is no charge for the seminar. Refreshments and lunch will be provided.

Those interested may RSVP to Madelon Parker at (800) 663-6919 or madelon@thomasindustial.ca

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Summary of the January Meeting

The January 11, 2011 meeting had an attendance of thirty-two. Scott Garinther, Commercial Energy Advisor with Efficiency New Brunswick, spoke about EENB programs in the Commercial Sector. Owners, operators and designers are becoming increasingly conscious of the rising cost of energy and impact on the environment. Green Globes Design and LEED certification are frequently the norm. The goal of ENB Commercial Sector programs is to assist New Brunswick's commercial property owners and operators to reduce their energy costs, lessen their impact on the environment and improve their competitiveness.

Studies on identical buildings have shown that behavioral training (education of building occupants) **plus** technological improvements to controls and equipment yielded greater savings than the sum of savings from each approach added together (i.e., a *people only* approach saved 16%; a *technology only* approach saved 3%, but when the two strategies were combined, total savings were 23%.)

Two programs are currently offered through ENB, with financial incentives up to \$60,000:

- Energy Smart for existing buildings – an energy audit is required first.
- Start Smart for new construction – either using a modeling path or a prescriptive path (checklist approach). The modeling path must demonstrate that the design is at least 30% more energy efficient than a building built to the minimum requirements of the Model National Energy Code of Canada for Buildings (MNECB) (1997). The second approach requires that the project design team complies with the *Core Performance Guide Efficiency NB Edition*.

Scott presented four case studies: the NB Power head office building in Fredericton and the Blue Cross Centre in Moncton (Energy Smart examples); and Somerset Square in Saint John and the Peterbilt Truck Dealership in Moncton (Start Smart examples).

New Brunswick was the first province to develop a Core Performance Guide. It has since been adopted by Nova Scotia. A copy of Scott Garinther's Power Point Slides will be made available on the chapter's website at <http://www.ashraenbpei.com/>.

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NB/PEI ASHRAE Chapter Meeting Schedule 2010/2011

- February 8, 2011
 History Night
 Topic: Biomass Boilers (Evening Seminar w/ Full Day Seminar on 9th)
- February 20, 2011
 Social Night
 Topic: Evening with the Cats: Moncton Wildcats vs Val-d'Or Foreurs
- March 8, 2011
 Student Night and YEA Night with CTTC RVC Jean-Gabriel Joannette
 Topic: 1st Place Technology Award Winner – 740 Belair in Montréal
- April 12, 2011
 Research Promotion Night
 Topic: Sustainability and Implications in Context of Power Plants
- April 21, 2011
 Refrigeration On-line Seminar
 Topic: Geothermal Heat Pumps (Half-Day Seminar)
- May 10, 2011
 Technical Tour w/ NBCC Moncton and NBCC Saint John students
 Topic: Tour of NY Thermal plant in Saint John, NB



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