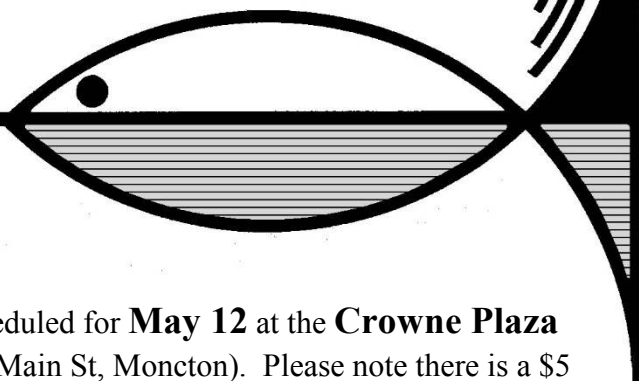


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NB PEI CHAPTER



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Our next Chapter meeting is scheduled for **May 12** at the **Crowne Plaza Moncton Downtown** (1005 Main St, Moncton). Please note there is a \$5 parking charge if you wish to use Crowne Plaza parking. This month's meeting is Grassroots Government Activities Night. We will be holding a joint meeting with the local chapter of BOMA (Building Owners and Managers Association).

The guest speaker at this month's meeting will be Michel Losier of Energie NB Power. He will provide a presentation on the joint efforts of Energie NB Power and Siemens to introduce Smart Grid technology in New Brunswick. His presentation will cover the concept of the Smart Grid, as well as the Reduce and Shift Demand program. This program aims to reduce peak energy demands by shifting energy consumption across all hours of the day.

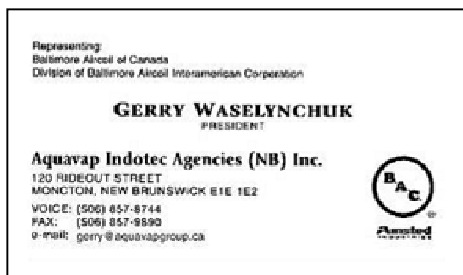
A social hour will begin at 5PM at the Crowne Plaza. Supper will follow at 6PM, with the presentation at 7:00PM.

Executive Meeting Notice

The Board of Governors Meeting will take place May 12 at the offices of Moncton North East Construction Association (MNECA) Office (297 Collishaw St, Moncton, NB). The meeting will begin at 3:30PM.

ASHRAE Research Promotion Update

A reminder that the 2014-15 Research Promotion campaign is in full swing and ends on **15 June 2015**. Our chapter has already raised \$9500 towards HVAC research. Our goal this year is to raise \$11,500. If you are considering making a donation, or would like more information, please contact Rob Hoadley, the Chapter Research Promotion Chair at robert.hoadley@rogers.com, or by phone at (506) 459-3940.



NB Power Smart Grid Background

A Smart Grid is an intelligent, self-monitoring, highly automated power supply network that can be better controlled than a conventional system.

It is equipped with innovative information and communication technology, in order to enable end-to-end data flow from the generator to the consumer and in the other direction.

Whereas in a conventional supply network generation follows the pattern of consumption, a Smart Grid controls consumption depending on the available of electrical energy in the network.

The agreement with Siemens is NB Power's first step to achieving a load reduction of 635 MW by 2035. Key to the success of reducing load will be customers' choices to use smart power delivery solutions. To accomplish this significant load reduction goal, meaningful engagement with customers is required.

NB Power will invest in Smart Grid technology and will pilot and launch Reduce and Shift Demand (RASD) programs to provide customers with more choices about how and when they use their electricity. Smart communicating thermostats; energy smart appliances; self serve options for energy shifting or payment; information dashboards Backgrounder and modern energy thermal storage devices will all be part of the customer experience once Smart Grid enhancements are made to the system.

Speaker Bio

Michel Losier, P.Eng, is the Program Director of PowerShift Atlantic; a Natural Resources Canada, Clean Energy Fund project, led by Energie NB Power. As well, he is the Director of Customer and Community Engagement for Reduce and Shift Demand Initiative at New Brunswick Power Corporation. He is a graduate from the University of New Brunswick in Mechanical Engineering and a member of the Association of Professional Engineers and Geoscientists of New Brunswick.

Michel and his team have been working diligently on collaborative and innovative solutions, engaging customers and leveraging new energy storage technologies to better integrate renewables such as wind in the Maritimes. New Brunswick Power is focused on a Reduce and Shift Demand Strategy working with Siemens on Smart Grid solutions for the future.



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Revision Of ASHRAE IAQ Guideline Open For Public Comment

Public input is being sought into a proposed revision of ASHRAE's residential indoor air quality guideline. ASHRAE Guideline 24-2008, *Ventilation and Indoor Air Quality in Low-Rise Residential Buildings*, is the companion guideline to ANSI/ASHRAE Standard 62.2-2007, *Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings*. Guideline 24 provides information on achieving good IAQ that goes beyond the requirements contained in Standard 62.2 by providing explanatory and educational material not included in the code-intended standard.

A revision of the guideline is currently open for public comment until May 11, 2015. To learn more or to comment, visit www.ashrae.org/standardsactions.

This marks the first time since 2008 that the document is being revised, according to chair Paul Francisco. The revision includes a range of changes intended to provide clarification to previous guidance and update the Guideline for current understanding.

The guideline, which was written by the committee responsible for maintaining Standard 62.2, includes information on envelope and system design, material selection, commissioning and installation, and operation and maintenance.

2015 ASHRAE Energy Modeling Conference in Atlanta

The conference builds on past ASHRAE Energy Modeling Conferences by addressing the industry need for "how to" do certain aspects of energy and building simulation. The conference theme is "Making the Difference with Modeling: From Concept to Facility Management" and broadly covers modeling from start to finish through high quality case study presentations. The cost of the conference for ASHRAE Members is \$560, with an early bird rate of \$535 for registrations prior to 15 August 2015.

The conference will be held 30 September through 2 October 2015 at the Atlanta Marriott Buckhead in Atlanta, GA.

More information can be found at www.ashrae.org/membership--conferences/conferences/ashrae-conferences/2015-ashrae-energy-modeling-conference

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BOMA – The Building Owners and Managers Association

We are hosting this month's meeting jointly with the NB/PEI Chapter of BOMA Canada. BOMA is the Building Owners and Managers Association. BOMA Canada's Mission is to represent the Canadian commercial real estate industry on matters of national concern, to develop a strong communications network between its local associations, BOMA International and other real estate associations and promote professionalism of its members through education programs and effective public relations activity.

BOMA Canada is a dynamic federation comprised of over 3,100 members in the industry representing over 2.1 billion square feet of office space in Canada. Our members include building owners, managers, developers, facilities managers, asset managers, leasing agents and brokers, investors and service providers.

BOMA Canada is an affiliated member of BOMA International. More information on BOMA Canada can be found on their website at www.bomacanada.ca. The local chapter also has a website at www.bomanbpei.com.

2016 ASHRAE Chapter Regional Conference

The NB/PEI Chapter will be hosting the ASHRAE Region II CRC (Chapter Regional Conference) in late August 2016. This annual event brings together ASHRAE members from across Ontario, Quebec, and the Maritimes. We will be beginning organizing for this event in the near future. We will be looking for organizational volunteers, CRC volunteers, and ideas from Chapter members on how to make the weekend unforgettable for our ASHRAE guests. August 2016 is over a year away, but it's never too early to mark your calendar and begin counting down the days.



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NB/PEI 2014-15 CHAPTER EVENTS CALENDER

May 12 BOMA and ASHRAE Joint Meeting
Grassroots Government Activities Night

June 9 TBD: Final meeting of the year

Meetings are normally on the 2nd Tuesdays of the month. If you have any suggestions or comments about the meeting topics or speakers, please contact our CTTC Chair, Kevin Clannon at kclannon@master.ca

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