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THE HERRING CHOKER ASHRAE NB/PEI CHAPTER

December 2023

[Table of Contents](#)

Chapter Announcements

1. ASHRAE Holiday Stocking Stuffers

With the holidays quickly approaching, do you find yourself blanking on gift ideas for your friends and family members? Well we've got something for you!

We're selling ASHRAE polos for \$20 a pop. All proceeds go towards our Lucy's Engineering Adventure fundraiser with the goal of putting a book in each K-5 school's library in NB and PEI.

If you are interested in purchasing a shirt, or simply donating to our fundraiser please reach out to Contact.AshraeNBPEI@gmail.com.

PS. Thanks to our model, Mike Boudreau, for showcasing the shirt.



2. Lucy's Engineering Adventure (Fundraiser)

As first announced in the May newsletter, the ASHRAE NB/PEI Chapter is proposing to provide a copy of ***Lucy's Engineering Adventure*** to every Anglophone K-5 school in New Brunswick and Prince Edward Island; the territories that we serve.

Our goal is to raise **\$2,500** to be able to purchase the books. Donations can be sent by e-transfer to treasurerashraenbpei@gmail.com, or by mail to the following address:

ASHRAE NB/PEI CHAPTER

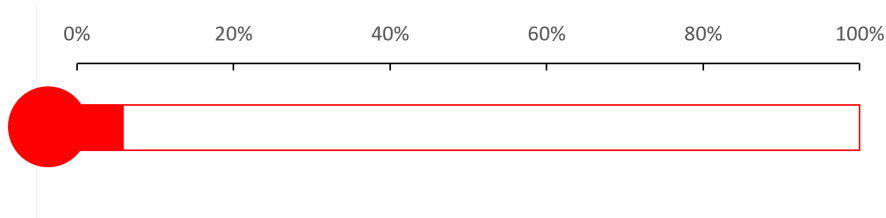
P.O. Box 1629
Moncton New Brunswick
E1C9X4

*Please note on the envelope "Lucy's Engineering Adventure" somewhere on the mailed donation.

Any donation large or small will help to get us to this goal. We appreciate your support!

*December 5th, 2023 Update: We have raised **\$150 / \$2,500**

Let's work together to fill up the progress bar below!!



3. Request for Assistance: Heat Pump Technology (HPT) Research Study through Annex 60

National Resources Canada are involved with Annex 60, a collaborative program with the IEA, which studies retrofit heat pump systems in non-residential buildings. The outcome of Annex 60 will be to provide high-level guidance for building owners and decision makers to implement heat pump technologies in their own buildings based on the successes and feedback of the industry.

This phase of research is titled "Task 2 - Case Studies of Existing Projects" and is looking for volunteers to simply fill out a high-level case study log on any buildings that meet the criteria. The submissions will be reviewed and those that are identified by Annex 60 as suitable projects will be contacted for more details.

More information can be found at the following links:

[Annex 60 website](#)

[Research Summary \(pdf\)](#)

[Case Study Log \(excel sheet\)](#)

If you are interested in participating or have other questions please reach out to frederic.genest@NRCan-RNCan.gc.ca

4. Did you know we're on social media?!

Follow us on LinkedIn and Facebook to find out about events when they're announced (click the icons below or at the bottom of the newsletter).



Monthly Presentation

December 12th, 5:00PM - 8:00PM AST

*****IMPORTANT NOTICE: Our Venue Has Changed This Year. See Below for Details*****

TOPIC: The Power of Transformational Leadership

Join us for a transformative Leadership Talk designed to empower individuals at every stage of their leadership journey. Whether you're a seasoned executive, emerging leader, or aspiring manager, this seminar is crafted to enhance your leadership skills, foster strategic thinking, and inspire positive change within your organization. Elevate your leadership game and propel your career forward.

Recommended Audience: Everyone!

About the Presenter: Gabriel Basque (LMI)

With over a decade of coaching, Gabriel Basque has one goal in life, to serve leaders to realize their potential. He loves to spend quality time with his family, eat Indian food, challenge himself with fitness goals, and practice his faith.

Gabriel has been professionally coaching since the age of 21. Today, he specializes in high-level executive coaching and providing leadership development for today's leaders. His favourite part about coaching is seeing people break free from their limitations. He believes that everyone has undeveloped potential and doesn't want to see anyone leave this planet without the ability to share that potential.

Gabriel believes in the power of leading with love and thus has made it his mission.



Event Details:

When:

December 12th, 2023

Location:

Meeting Room D (Moncton Coliseum Arena Complex) - 377 Killam Dr,
Moncton, NB

Agenda:

5:00pm - 6:00pm: Social Hour

6:00pm - 7:00pm: Presentation

7:00pm: Dinner is Served

Pricing:

ASHRAE Members - \$30

Non-Members - \$55

Students & Retirees - \$20

Presentation Only (No Meal) - \$0

Meal:

The meal will be Chef's Choice Buffet.

*Please indicate any dietary restrictions when registering

****Please RSVP through EventBrite by noon on Friday, December 8th****

[Click Here to Register](#)



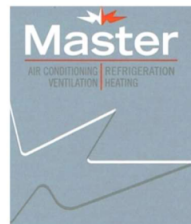
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Recap of Past Events

In Case You Missed It...

November Meeting (Reducing Carbon Emissions and Achieving Enhanced Indoor Environments)

On Tuesday, November 14th, we were honored to host ASHRAE Distinguished Lecturer, Darryl Boyce. Darryl delivered an insightful presentation on reducing

carbon emissions while simultaneously enhancing indoor environments, creating a better overall experience for building occupants.

The presentation started with an overview of ASHRAE's commitment to carbon reduction and its current goals aimed at educating and empowering the industry to enhance building performance. We explored the concept of smart buildings and envisioned the potential future, discussed methods for evaluating carbon reduction and energy-saving opportunities, and addressed how to prioritize these initiatives across a portfolio of buildings. Additionally, we looked at real-world examples from Darryl's experiences at Carleton University.

In summary, here are a few key takeaways:

- When contemplating ways to decarbonize a building, it is a good time to also consider opportunities to enhance indoor environments. For instance, if we're upgrading to LED lights, ensure the lighting levels are suitable for the occupants.
- All greenhouse gas (GHG) emissions matter, whether they pertain to site emissions, embodied emissions, or refrigerant emissions. Each reduction, regardless of size, is valuable and should be tracked.
- Before replacing equipment of the same size, assess the actual needs of the existing building. Historically, equipment was often oversized; now, we have the opportunity to properly size equipment according to current requirements.
- Embrace partial decarbonization strategies to meet life cycle cost requirements. A 50% GHG emission reduction is better than no reduction!

For anyone interested in learning more about what ASHRAE has to offer on the topic of decarbonization we would encourage you to explore the [ASHRAE Task Force for Building Decarbonization](#) webpage. Here you'll find many resources to prepare yourself for tackling carbon emissions with your own projects.

Brandon Cosman, Communications Chair, 2023-2024

Brandon.Cosman@PMCEnergy.ca



The industry came out to learn about carbon emission reduction



Upcoming Events

The Future is Bright

ASHRAE Halifax Holiday Social

December 13th, 2023 - Steele Wheels Motor Museum, Halifax

ASHRAE NB/PEI members have been invited to join the Halifax Chapter at their winter holiday social this year! Partial event details are below and the full details can be viewed by [clicking here](#).

Venue: Steele Wheels Motor Museum - 66 Otter Lake Ct, Halifax, NS B3S 1L9

Dinner: Choice of Beef, CHicken, or Vegetarian

Date & Time: Wednesday, December 13, 2023, 5-10pm

ASHRAE Member Ticket Price: \$80

Non-ASHRAE Member Ticket Price: \$90

Student Ticket Price: \$25

NB Power Sponsored Training Opportunities

Advanced Course on Existing Building Commissioning (EBCx)

English Course: January 22-25th, 2024: 9:00am - 4:30pm (In-Person, Location TBD)

Ready to take a deeper dive in existing building commissioning? The Advanced EBCx course, originally priced at \$1,835, is exclusively available to New Brunswick residents for \$200!

As a process, existing building commissioning (EBCx) is often referred to as taking what you already have and making it better! Interest in Existing Building Commissioning projects has been growing steadily over the years, and it is now recognized as a formidable means to determine which low-cost/no-cost

operational improvements may be made to a currently operated building to improve occupant comfort and achieve energy savings. Another facet of Existing Building Commissioning is, it can be conducted as a standalone activity or as part of a renovation/modernisation project.

During this 4-day course participants will learn:

- Apply the four-step Existing Building Commissioning process.
- Establish effective methods for detecting problems.
- Calculate energy and system-based savings calculations.
- Implement EBCx measures.
- Integrate best practices for ongoing commissioning.

[Click here for full course details](#)

There is limited space to enter this course. To request your seat and registration instructions, please email us at CEES-SEEC@nbpower.com.

- **Other Offerings by NB Power:**

For a full list of NB Power offerings and to keep current on their upcoming events please visit the following link:

[NB Power Events and Training](#)

The Moncton MEET Show 2024

May 1st and 2nd, 2024 - Moncton Coliseum

The Moncton MEET show is returning in May of 2024. Save the date in your calendar and stay tuned for more updates as we near the date!

We will have distinguished lecturer, Don Colliver, joining us at the MEET show who will be presenting both days of the show. The topics will be:

Topic 1 – Building Decarbonization Basics

Topic 2 – The Science Behind Climate Change and Decarbonization

The time and date for these topics will be announced closer to the date. For more information on the event please see the [Moncton MEET Show website for more details](#).



Awards & Scholarships

Step Right Up, Win a Prize!

1. ASHRAE Technology Awards – Chapter Competition

This year, the ASHRAE NB/PEI Chapter will host a Technology Awards Program to recognize innovative projects by Chapter Members.

The ASHRAE Technology Awards recognize members at the Chapter, Regional and Society levels for outstanding design and innovations for effective energy utilization.

The format of competition, deadlines, and judging are determined by the Chapter and will be announced shortly. The short application form (Link: [Chapter/Regional Application -- Short Form](#)) may be used for the Chapter competition and the regional competition for projects that move on to the Regional Competition.

Entries can be submitted for each of the following 7 categories:

- Commercial Buildings - New, Existing and Existing Building Commissioning (EBCx)
- Institutional Buildings
 - Educational Facilities – New, Existing and EBCx
 - Other Institutional – New, Existing and EBCx
- Health Care Facilities – New, Existing and EBCx
- Industrial Facilities or Processes – New, Existing and EBCx
- Public Assembly Facilities- – New, Existing and EBCx
- Residential Buildings – New, Existing and EBCx

The ASHRAE NB/PEI Chapter's first and only Technology Award was awarded to Stephen Tweedie in 1999 for outstanding achievement in energy-efficient building design for the Nova Institution, a Federal women's correctional facility located in Truro, Nova Scotia in the Institutional Buildings category.

ASHRAE Region II, of which the ASHRAE NB/PEI Chapter is a member has a history of winning many Society level awards, and we hope to submit winning projects of our own.

The ASHRAE NB/PEI Chapter will submit one entry for each of the 7 categories listed above to the Regional Competition. See [Technology Awards Program \(ashrae.org\)](#) for more information, or reach out to your Chapter Technology Transfer Committee (CTTC) Chair, yves.savoie@englobecorp.com .



ASHRAE Job Board

Jobs, jobs, jobs!

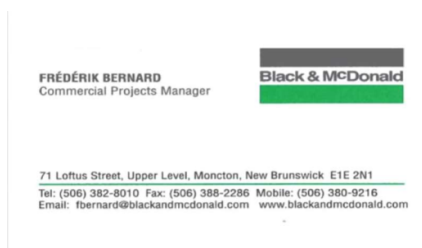
The ASHRAE Job Board offers the following benefits for job-seekers:

- Search and apply for relevant jobs quickly and effectively.
- Set up job alerts for immediate notification of job postings matching skills and interests.
- Anonymous profiles and resume uploads.
- Useful tips and tools for improving job searching effectiveness.
- Single sign-in for ASHRAE members.

Employers can:

- Put their positions in front of ASHRAE's unique audience of engineering experts.
- Manage jobs and applicant activity on the Job Board site.
- Search the ASHRAE Job Board's candidate database.
- Limit applicants to only those qualified.
- Quickly find the right professionals for their positions.

The Job Board can be found at www.ashrae.org/jobs. The Job Board is designed to assist members and other industry professionals along with ASHRAE's student program, Young Engineers in ASHRAE, education and certification programs.



Volunteering





Many Hands Make Light Work!

Are you looking for ways to get involved in your HVAC community? Well look no further! Reach out to any of our BOG members or our Membership

Promotion chair and find out how you can get started today! Or better yet come sit in on one of our monthly meetings to get a feel for things and see if it's right for you.

Our Chapter is always looking for volunteers to take on Chair or Co-Chair positions, collaborate on committees, and share feedback and ideas on how we can strive to be better than we were yesterday. Whether you're a consulting engineer, contractor, equipment supplier, property manager, or student we welcome all. By volunteering with ASHRAE you'll get the satisfaction of contributing to a global organization by making local impacts, you'll get to network with a wide range of fellow members of the community, you'll gain the experience of working with a Board of Governors structured organization, and much more!

Reach out to any member from the BOG or to our Membership Promotion Chair: Matthew Peachman [mpeachman@cbcl.ca] to get started!

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2022-2023 Chapter Schedule

Can't make this one? Plan for the next meeting!

2023-2024 ASHRAE NB/PEI PROGRAM

Date	Topic	Presenter	Theme	Venue
September 12, 2023	Radon 101	Jeff Leblanc	Government Affairs/ Student Night	Legends Moncton Coliseum
October 17, 2023	VRF and the Transition to Slightly Flammable Refrigerants	Shawn Slaunwhite	Refrigeration Night	Legends Moncton Coliseum
November 14, 2023	Reducing Carbon Emissions and Achieving Enhanced Indoor Environments	Darryl Boyce	TBA	Legends Moncton Coliseum
December 12, 2023	Leadership Coaching	Gabriel Basque	Past-Presidents/ Student/ YEA	Legends Moncton Coliseum
January 9, 2024	Fire/Smoke Dampers	Phil Duncan	TBA	Legends Moncton Coliseum
February 13, 2024	Gas Detection Systems	Belimo	TBA	Legends Moncton Coliseum
March 12, 2024	Acoustics and Barrier Walls	TBA	TBA	Legends Moncton Coliseum
April 9, 2024	Refrigerant Phase Out	York	TBA	Legends Moncton Coliseum
May 1st and 2nd	Decarbonization	Don Colliver	Decarbonization	Moncton Coliseum
June 11, 2024	TBA	TBA	Membership/Tour	TBA


***On the scheduled dates above, the BOG meeting will typically begin at 4:00pm and the presentation at 6:00pm. Any changes to these times will be communicated in an email and on the website prior to the date.**



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2022-2023 Board of Governors The Knights of the Roundtable

Role	2023 - 2024 Executive/BOG	
President	Mike Boudreau	Executive
President Elect	TBD	Executive
Vice President	TBD	Executive
Research Promotion Chair	Kevin Clannon	Executive
Treasurer	Dan Boudreau	Executive
Secretary	Kelsey Edgecomb	Executive
Membership Promotion Chair	Matthew Peachman	BOG
Student Activities Chair	John Willden	BOG
Historian	Ryan Gosson	BOG
Chapter Technology Transfer Chair	Yves Savoie	BOG
Newsletter Editor	Brandon Cosman	BOG
Communications Chair	Brandon Cosman	BOG
Grassroots Government Affairs	Roch Couturier	BOG
YEA Chairs	Zach Thorne	BOG
Refrigeration	Vacant	BOG
Golf Tournament Chair	Ken Martin	BOG
Webmaster	Brandon Cosman	BOG
MEET Liason	Ken Martin, Devin Harinarine	BOG
BOG	Kristine Girard	BOG
BOG	Kevin Leger	BOG

Questions, comments, good HVAC jokes?
[ASHRAE NB PEI - Contact Us](#)



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