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## THE HERRING CHOKER ASHRAE NB/PEI CHAPTER

January 2024

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[Table of Contents](#)

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### Chapter Announcements

#### 1. 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 [treasurerashraenpei@gmail.com](mailto:treasurerashraenpei@gmail.com), or by mail to the following address:

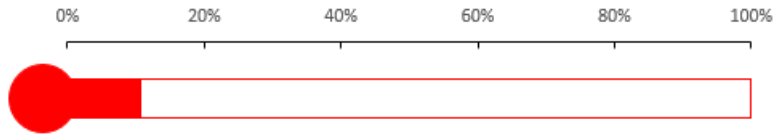
**ASHRAE NB/PEI CHAPTER**  
P.O. Box 1629  
Moncton New Brunswick  
E1C9X4

\*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!

\*January 5th, 2024 Update: We have raised **\$270 / \$2,500**

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



## 2. 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](mailto:frederic.genest@NRCan-RNCan.gc.ca)

## 3. 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).



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## Monthly Presentation

January 9th, 5:00PM - 8:00PM AST

### TOPIC: Fire/Smoke Dampers

Join us as we learn about fire/smoke dampers and how they are used in accordance with local codes.

Recommended audience: Engineers, Contractors, Students

## About the Presenter: Phil Duncan, MBA, BSc, P.Tech

Phillip Duncan, MBA, BSc, P.Tech is the President of Airsys Engineering Ltd. located in Dartmouth, and of Rae Mac Agencies Inc. located in Moncton. Both companies are exclusive manufacturing representatives for Nailor Industries and Loren Cook Fans, are National Account holders for Ventex/Alumavant, as well as representatives for several other complementary brands.

Phillip took over Airsys in the summer of 2019 along with Chris Gaudet from the original owners and acquired Rae Mac in the summer of 2022. Phillip started his career with Airsys in the summer of 2005 before returning to school to finish his undergraduate degree. Shortly after graduating in 2007, he moved to Alberta where he worked in design engineering for three years before making the move into industrial construction.

After moving back to the Maritimes in 2019, Phillip has been working with Airsys and Rae Mac as an estimator, designer, and at times an installer. He is an active member within the ASHRAE Halifax chapter and is joining the Moncton group for the first time at the meeting in January to discuss Fire Smoke Dampers.



## Event Details:

### When:

January 9th, 2024

### Location:

Legends Lounge (Moncton Coliseum Arena Complex - Entrance C)  
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 4pm on Friday, January 5th\*\*

[Click Here to Register](#)



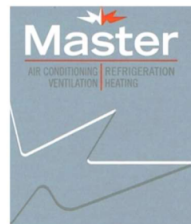
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77 Vaughan Harvey Blvd., Suite 200  
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## Recap of Past Events

In Case You Missed It...

## Leadership Coaching

We held our final meeting of 2023 on December 12th and ended on a high note! We had a great turnout of 35 people, including 6 students who made the trip up from NBCC Saint John.





**Welcoming our new student members!**

***Left to Right: Osaro Ogbemor, Gary Pastolero, John Willden (BOG) ,Khay Tejero, Mathew Peachman (BOG), Marjolina Queza, Ian Rivera, Michael Toluhi***

Gabriel Basque put on a passionate talk speaking on leadership. He covered the differences between coaching, training, and mentoring. He also spoke on the old school style of Transactional Leadership versus the new style of Transformational Leadership . This talk certainly was the inspiring touch we needed before heading into the new year!

During our meeting we also awarded our top Research Promotion donors and thanked them for their contributions to ASHRAE. Their pictures can be seen below. Unfortauntely 2 of our donors could not be present so we would like to to acknowledge them for their generosity; they are Argyll Associates and the Mechanical Contractors Association.

*Brandon Cosman, Communications Chair, 2023-2024*  
 Brandon.Cosman@PMCEnergy.ca



***Doug Briggs of Advanced Energy Management accepting the Honors Level Research Promotion award from RP Chair Kevin Clannon.***



***Carman Travis of MCW accepting the Honors Level Research Promotion award from RP Chair Kevin Clannon.***



***Chantal Daigle-Verrier from NBPower accepting the Honors Level Research Promotion award from RP Chair Kevin Clannon.***

**uponor**

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Canada

David Simpson, P.Tech  
Team Leader, Senior Project Manager  
Mechanical Engineering

[David.Simpson@englobecorp.com](mailto:David.Simpson@englobecorp.com)

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Fax: (506) 853-1457  
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## Upcoming Events

The Future is Bright

## NB Power Sponsored Training Opportunities

### Building Energy Modelling Professional

February 8th & 9th, 2024: 9:00am - 4:30pm (Virtual)

NB Power is pleased to invite you, your eligible colleagues or energy modelling services provider to attend the **Building Energy Modelling Professional** course. New Brunswick residents can register for free.

The online sessions will be February 8<sup>th</sup> and 9<sup>th</sup>, 2024.

This two-day Energy Modelling program delivered by CIET focuses on introducing participants to EnergyPlus, the most advanced energy modelling software developed by the U.S. Department of Energy (DOE).

The course is designed to teach participants about EnergyPlus and OpenStudio, which are energy modeling tools used to analyze the energy performance of buildings. Participants will also learn how to use SketchUp, a popular 3D modeling software, to create building models that can be exported to EnergyPlus via OpenStudio for energy simulation and analysis.

The session will be tailored for NECB 2020 and New Brunswick climate zones. Day 2 will focus on case study work.

This technical course is designed for energy modellers and energy design decision makers in the buildings industry including engineers, architects, technologists, mechanical and HVAC specialists.

The course will be delivered in English, with bilingual material provided. We encourage you to register soon as seats are limited. Seats are valued at \$1045 each. If you have registered and can no longer attend, please notify us in advance.

[Click here to register.](#)

This course will also be offered a later date in French and in English, email us at [NCCI@nbpower.com](mailto:NCCI@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](mailto: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](http://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.

 <p><b>FRÉDÉRIK BERNARD</b> Commercial Projects Manager</p> <p>71 Loftus Street, Upper Level, Moncton, New Brunswick E1E 2N1 Tel: (506) 382-8010 Fax: (506) 388-2286 Mobile: (506) 380-9216 Email: fbernard@blackandmcdonald.com www.blackandmcdonald.com</p>	 <p><b>Advanced Energy Management Ltd.</b> <i>Putting our energy into saving yours</i></p> <p>222 Edinburgh Drive, Unit 1 Moncton, NB E1E 4C7</p> <p><b>Doug Briggs</b> Technical Sales Representative</p> <p>Tel: (506) 857-0818 Ext 681 Fax: (506) 857-0867 Cell: (506) 878-7092 Email: dbriggs@aemtd.com Web: www.aemtd.com</p> <p> AUTHORIZED DEALER</p>
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## 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](mailto:mpeachman@cbcl.ca)] to get started!

 <p><b>Air &amp; Water Balancing</b></p>	<p><b>Jarrett G. Steele, PEng</b> Test &amp; Balance Engineer</p> <p>Fredericton, NB tel (506) 206-1511 fax (506) 206-1213 <a href="mailto:jsteele@steeleengineering.ca">jsteele@steeleengineering.ca</a></p>	 <p><b>Matthew Peachman,</b> P.Eng., LEED® AP, BD + C Principal Group Lead, Buildings, NB</p> <p><a href="mailto:mpeachman@cbcl.ca">mpeachman@cbcl.ca</a> P 506-633-6650 x3237 C 506-651-8993</p> <p><b>CBCL Limited</b> CenterBeam Place 14 King Street, Suite 420 PO Box 20040 Saint John, NB E2L 1G2 506-633-6650</p> <p><b>CBCL.ca</b></p>
 <p><b>Aquavap Agencies Atlantic Inc.</b></p> <p>HVAC &amp; REFRIGERATION EQUIPMENT SYSTEM SUPPLIERS SERVING ATLANTIC CANADA SINCE 1963.</p>	<p>120 Rideout Street, Moncton, NB, E1E 1E2 <a href="http://www.aquavapgroup.ca">www.aquavapgroup.ca</a></p> <p>NB office: 506-857-8788 NS/PEI: 902-453-6290</p> <p><b>Daniel Léger</b> <small>P.Eng.</small> Regional Manager <a href="mailto:daniel@aquavapgroup.ca">daniel@aquavapgroup.ca</a></p>	<p><b>Yorkland Controls</b></p> <p>ENVIRONMENTAL SOLUTIONS</p> <p><b>Rick Morash</b> Branch Manager <a href="mailto:rmorash@yorkland.net">rmorash@yorkland.net</a> <a href="http://yorkland.net">yorkland.net</a></p> <p>d. 902-481-4535 t. 902-481-7590 f. 902-481-7587 m. 902-877-3852 tf. 877-733-3833</p> <p>40 Fielding Avenue, Dartmouth, Nova Scotia B3B 1E4</p>

## 2023-2024 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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F: 219-872-9057  
jefoster@dwyeremail.com

**Jeff Foster**  
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## 2023-2024 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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