

NEWSLETTER

OCTOBER MEETING – CHAPTER TECHNOLOGY TRANSFER COMMITTEE NIGHT

Distinguished Lecture Series – Hoy R. Bohanon, Jr., P.E.

Presenting: Retro-Commissioning for Energy Savings



Date: Tuesday, October 17th, 2023

Location: Giovanni Caboto Club, 2175 Parent Ave. Windsor, ON

Topic: Retro-Commissioning for Energy Savings

Speaker: Hoy Bohanon, PE, LEED AP, BEAP

Time: Doors Open at 5:00 PM, Dinner at 6:00 PM, Speaker at 6:45 PM

Registration Deadline: Monday, October 16th, 2023

Cost: \$55 for ASHRAE Members, \$65 for Non-Members, \$25 for Students

Registration Link: <https://ashraewindsor.simplesignup.ca/13208>

Or contact Syed Hassan at: 519-562-1881, E-mail: syed.hassan@enbridge.com

OCTOBER MEETING SPEAKER BIOGRAPHY–

HOY R. BOHANON, JR., P.E.



Hoy Bohanon, PE, LEED AP, BEAP is a principal in Hoy Bohanon Engineering, PLLC, a firm that focuses on improving the performance of existing mission critical buildings. Mr. Bohanon began his engineering career as a research and design engineer, and then gained experience as a project engineer, facilities engineer, facilities manager, indoor air quality research engineer, environmental engineer, and business owner. He has a master's degree in engineering from North Carolina State University, and a bachelor's degree in mechanical engineering from Georgia Institute of Technology.

Mr. Bohanon has written technical papers and articles on indoor air quality, operations, and maintenance and is a frequent presenter at technical society meetings. He is a recipient of the ASHRAE Distinguished Service Award. He is past chair of ASHRAE Standard 62.1 committee, Ventilation for Acceptable Indoor Air Quality. ASHRAE Building EQ Committee and is a past member of the Environmental Health Committee. He is chair of the US Technical Advisory Group panel 1 (general principles) for ISO TC205 Building Environment Design and a current member of ASHRAE Standard 62.2 committee. He is a co-author of The Indoor Air Quality Guide: Best Practices for Design, Construction and Commissioning and Performance Metric Protocols for Commercial Buildings: Best Practices Guide. He also teaches multiple courses for the ASHRAE Learning Institute addressing ASHRAE 62.1 and IAQ. Mr. Bohanon is also a fellow in the Professional Engineers of North Carolina.

This lecture will give a more in-depth perspective of retro-commissioning for energy saving. Items to be discussed include: What is retro commissioning? Is it required by LEED? How can a process save energy? What are some of the aspects of an energy saving retro-commissioning application? What guidance is available from ASHRAE guidelines? What are the types of savings from the process and what are the critical components to assure that savings are realized.

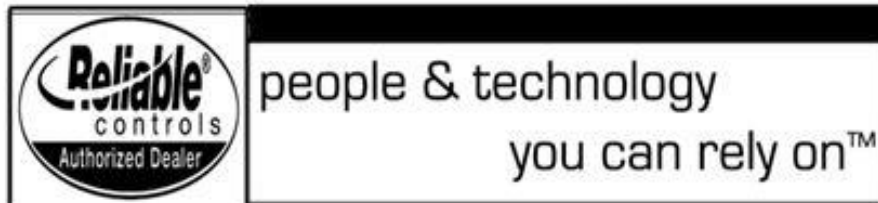
This Month's Tabletop Sponsors

**You can visit our sponsors at our October meeting,
presenting their tabletop displays (during social hour & after
the technical presentation)**



Presenting: Fulton Boilers and Bosch

&



Presenting: Reliable Controls

SEPTEMBER RECAP- WINDSOR ASHRAE GOLF TOURNAMENT 2023



We hosted our 32nd Annual Windsor ASHRAE Golf Tournament on Monday, September 11th, 2023 at Pointe West Golf Club. A big thank you to all that supported this successful event and to Paul Greff and his committee for organizing the day.

With your support, a portion of the funds raised helped the chapter reach 20% of its annual goal towards ASHRAE Research Canada.

October 4th is Energy Efficiency Day

Energy Efficiency Day



Efficiency Canada, alongside the Department of Building Science at Toronto Metropolitan University, would like to celebrate Energy Efficiency Day with an interactive panel featuring 10 trailblazers from the energy efficiency sector. From clean technologists to architects, engineers, tradespeople, journeymen, academics and communications specialists, this will be an inside look into the diverse future of Canada's Sustainable Development Goals.

The event will take place Wednesday, October 4th at 6:30-8:30pm, for those interested in taking part in the event, you can register to watch in person or online through the Efficiency Canada website.

<https://www.energycanada.org/career-hub/energy-efficiency-day/>

New Zealand Solidifies Plans to be First 100% Renewable Energy Country



The government of New Zealand has partnered with a private U.S.-based investment firm, BlackRock Inc., to bolster its effort to become the first country in the world to have a 100% renewable-powered electricity grid. Presently, New Zealand has achieved an 82% renewable-powered grid, but their goal is to reach 100% by 2030. The government will help launch a \$1.2

billion fund that will be used for investing in wind, solar, battery storage, and “green” hydrogen projects. While this is a sizeable investment, BlackRock estimates that \$26 billion would be required to reach a 100% renewable-powered grid.

Boston Mayor Signs Executive Order Eliminating Fossil Fuels in City- Owned Buildings



In July, Boston Mayor Michelle Wu signed an executive order eliminating the use of fossil fuels in HVAC, hot water, and cooking systems in new city buildings and city buildings that undergo major renovations. The order went into effect immediately, and the only projects exempt are those currently in design or under construction. “Major renovations” are defined as projects where structural

work is planned for more than 75% of the existing square footage. Municipal emissions in Boston are currently about 2.5% of total carbon emissions, and 70% of municipal emissions are from city buildings, with over 16 million square feet of property. The city is also focused on creating new jobs in the building trades, with a program offering training for Boston residents to learn skills for maintaining building operations at peak efficiency.

MEETINGS AND EVENTS FROM 2023-2024:

| | | |
|----------------|------------------------|----------------------|
| Sept. 11, 2023 | Golf Tournament | Membership Promotion |
| Oct. 17, 2023 | DL: Hoy Bohanon | CTTC Night |
| Nov. 21, 2023 | DL: Darryl Boyce | GAC Night |
| Dec. 19, 2023 | Christmas Social | Research Promotion |
| Jan. 19, 2024 | TBD | |
| Feb. 20, 2024 | TBD | |
| Mar. 19, 2024 | TBD | |
| Apr. 16, 2024 | Past President's Night | Historian |
| May 21, 2024 | Student Presentations | Student's Night |

CHAPTER OFFICERS

BOARD OF GOVERNORS

| | | | | |
|-------------------------|---------------------|----------------|----------------------------------|-----------------------|
| <i>President:</i> | Jamie Smith | (519) 890-8684 | James Smith, P.Eng. | (519) 737-5725 |
| <i>President-Elect:</i> | Syed Hassan | (519) 562-1881 | Dan Castellan, P.Eng. | (519) 253-3000 x 2164 |
| <i>Treasurer:</i> | Dave Dufour | (519) 816-8974 | Paul Greff | (519) 969-8025 x332 |
| <i>Secretary:</i> | Ryan Bisnett | | | |

CHAPTER COMMITTEES

| | | | | | |
|--|--|--|--|------------------------------------|------------------------|
| <i>Research Promotion</i> | Amanda Forest, P.Eng. & James Smith, P.Eng. | (519) 984-5696 (519) 791-6291 | <i>Government Affairs Committee</i> | Paul Greff | (519) 969-8025 x332 |
| <i>Membership Promotion</i> | Nathan Cook, P.Eng. & Syed Hassan, P.Eng. | (519) 948-5000 x3223 (519)562-1881 | <i>Student Activities Chair</i> | Jamie Smith | (519) 890-8684 |
| <i>Chapter Technology Transfer Committee</i> | Dan Castellan, P. Eng. | (519) 253-3000 x 2164 | <i>Student Branch Advisor- University of Windsor</i> | Dr. David Ting, P. Eng. | (519) 253-2871 |
| <i>Historian</i> | Andy Hrutka | (519) 978-3903 | <i>Newsletter Editor</i> | Kenten Puryk | (519) 737-5725 x227 |
| <i>Refrigeration Chair</i> | Jon Palmer | (519) 256-7922 | <i>Reception</i> | | |
| <i>YEA Chair (Young Engineers in ASHRAE)</i> | Amanda Forest, P.Eng. | (519) 984-5696 | | | |

Advertising and Promotion

Actively participating in ASHRAE events is a great way to network and discuss potential projects and applications. Chapter meetings provide a captive audience and exposure to a group actively involved in our industry. Promotion opportunities are available during our chapter meetings, through the monthly newsletter and the new website.

TABLETOP DISPLAY

What better way to present your product, or share great ideas than to have a tabletop display at our monthly chapter meetings.

The fee to provide a Tabletop Display is \$250.00 (CAD). In addition to the presentation, the fee also includes the cost of the presenter's meal (1 meal) at the event. If interested in providing a Tabletop Display at a future meeting to promote product lines or technologies, please contact Jamie Smith or Syed Hassan to schedule.

BUSINESS CARD PROMOTION

The monthly newsletter is distributed to all of our ASHRAE Windsor members as well as several others that are involved in our industry. Inclusion of your business card in the newsletter would provide a great opportunity to introduce your name and company to those members who may not know you personally. Business cards may also be displayed on the new website.

The fee to include your business card in the newsletter is \$100.00 (CAD) for the year ending June 30, 2024. If interested in having your business card information included in the monthly newsletter, please contact Jamie Smith.

ASHRAE Chapter Involvement

It is a welcome sight to see Chapter members and non-member guests alike attend the monthly meetings and events. The time and effort put forth by all individuals to attend these events is greatly appreciated as it not only helps to strengthen and develop our Chapter as a whole, it also expands the knowledge and understanding of our industry.

As it takes time and effort to attend these meetings, it also takes a great deal of time, effort and dedication to organize and prepare for these events so that they are informative and enjoyable for everyone.

It is a goal of the Windsor Chapter to increase the number of participating members. Involvement in Chapter operations is not limited to the Board of Governor and Chapter Committee positions. All individuals interested in getting involved with ASHRAE at any level are encouraged to volunteer in any capacity they are willing and able to. Any efforts to help the Windsor Chapter continue to develop and improve would be greatly appreciated.

If anyone is interested in volunteering for general involvement or to assist with any specific task, please contact Jamie Smith.

windsorashrae141@gmail.com
Jamie Smith – (519) 890-8684

ASHRAE Research

ASHRAE Research Promotion (RP) raises funds for Research projects all over the world.

Our Research Promotion Committee manages and supports the Chapter-level fundraising of the RP Campaign. Traditionally supporting just research, the RP Campaign was expanded 10 years ago to include support for six (6) areas:

1. Research
2. Education and ASHRAE Learning institute (ALI),
3. Endowed Research through ASHRAE Foundation,
4. YEA programs,
5. ASHRAE Scholarships, and
6. General/Unrestricted fund.

Research, the backbone of ASHRAE, remains the primary fund of the program with over \$2 million raised for this program annually.

Specifically for Canada, there are currently more than \$800,000 in Research project in Canada alone! For a list of all Research projects in all Regions, visit www.ashrae.org/rp.

This year our Chapter RP goal is to raise over **\$10,500** and Region 2 is committed to raising over \$186,000. At our Golf tournament last month, we raised about 20% of our goal due to the hard work of the volunteers and with great help of O'Dell Associates Inc for the "Beat the P.Eng." Closest to the Pin Competition.

If you would like to be part of our Chapter RP Donors, please contact Amanda Forest at Amanda.forest@jasel.ca or James Smith at james.smith@jasel.ca

ASHRAE – Serving our Members, and more

ASHRAE Newsletters

There's a lot of newsletters available. Some are automatic when you become an ASHRAE Member, such as the following:

[ASHRAE Journal Newsletter](#)

[ASHRAE Insights](#)



You can also connect to other publications from the ASHRAE Website.

[HVAC&R Industry News](#)

[Government Affairs Updates](#)

[High Performing Buildings Newsletters \(HPB\)](#)

[Standards Action Newsletters](#)

Click the following link to review these newsletters, and others!

<https://www.ashrae.org/about/marketing-central/email-newsletters>

Training and Certifications

While ASHRAE has some great videos (accessed [here](#)), they also have Instructor Led Training and Certifications:

Training: <https://www.ashrae.org/professional-development/all-instructor-led-training>

[Health Impacts of Indoor Air Extraction, Ventilation and Filtration](#)

[Evaluating Your HVAC System's Readiness to Mitigate the Spread of SARS-CoV2](#)

(note – check the website for specific times)

Certifications: <https://www.ashrae.org/professional-development/ashrae-certification>

[Building Design Certifications](#)

[Building Performance Certifications](#)

[Building Operations Certifications](#)