



DATE: Tuesday February 13th, 2024
15:30 – 21:00 Hrs EST

LOCATION: Centurion Conference & Event Center
170 Colonnade Rd S, Nepean, ON K2E 7J5

THEMES: Chapter Technology Transfer Committee (CTTC)

PROGRAM: Achieving Zero Energy-Advanced Energy Design Guide for K-12 School Buildings

Thomas Phoenix, P.E., FASHRAE, FCIBSE, BEMP, LEED AP., will be giving a presentation exploring a brief history of the AEDG Series, and then focusing on the newest group in the AEDG series – Achieving Zero Energy. The first volume in this new series is for Zero Energy K-12 School Building Design, and the program will highlight the major steps and an integrated, systematic approach for achieving Zero Energy in schools.

February Meeting Agenda

5:30PM-6:30PM Social Hour

6:30PM-8:00PM Dinner

8:00PM-9:00PM Achieving Zero Energy-Advanced Energy Design Guide for K-12 School Buildings

Speaker: Thomas Phoenix

Below prices for attendance (+ HST)

ASHRAE Associate/Affiliate/Member:	\$50.00	ASHRAE Member Guest:	\$50.00
ASHRAE Student:	\$35.00	Non-Member:	\$67.00

[Meeting 5 - February 13th, 2024](#)

PROGRAM: Achieving Zero Energy-Advanced Energy Design Guide for K-12 School Buildings

Since 2002, ASHRAE, the Illuminating Engineering Society (IES), USGBC, and AIA, with support from the Department of Energy, have collaborated on a series of Advanced Energy Design Guides (AEDGs) that would result in significant energy savings in the built environment beyond what is expected by using only ASHRAE Standard 90.1. The AEDG series of documents is now one of the most popular publications in ASHRAE’s history with over 600,000 copies in circulation.

This program will review a brief history of the AEDG Series, and then focus on the newest group in the AEDG series – Achieving Zero Energy. The first volume in this new series is for Zero Energy K-12 School Building Design, and the program will highlight the major steps and Integrated, systematic approach for achieving Zero Energy in schools.

Speaker: Thomas Phoenix, P.E., FASHRAE, FCIBSE, BEMP, LEED AP.

Thomas Phoenix is currently a consultant with Mechanical Contractors, LLC, and also an instructor in the Architectural Engineering Department at NC A&T State University. Previously, he was a Principal with CPL Architects & Engineers. He has a B.S. degree in engineering from NC State University. He is a Registered Professional Engineer in North Carolina and six other States and has over 35 years of experience in the design, operation, and maintenance of building mechanical and energy systems in commercial, educational, government, and medical office facilities.



Mr. Phoenix has been an active member of ASHRAE (American Society of Heating, Refrigerating and Air Conditioning Engineers) since 1982, and was elevated to the grade of Fellow in 2011. He is an ASHRAE Presidential Member, having served as Society President in 2014-15. He served on ASHRAE’s Board of Directors for 11 years and has chaired the Publishing and Education Council and numerous ASHRAE committees. Mr. Phoenix is an ASHRAE Certified Building Energy Modeling Professional (BEMP) and is also an ASHRAE Distinguished Lecturer. He is an ASHRAE Foundation Trustee and was Co-chair of ASHRAE’s Task Force for Building Decarbonization in 2021-22.

Mr. Phoenix also serves as Chair of the National Institute of Building Sciences (NIBS) in Washington, DC. He previously served for six years as Chair of the Advanced Energy Design Guides Steering Committee, which is composed of representatives from ASHRAE, the American Institute of Architects (AIA), the Illuminating Engineering Society of North America (IES), and the US Green Building Council (USGBC).

<p>ROY SAMHABER, P. ENG. senior project manager</p> <p>P: 613 224 7500 x6158 P: 888 283 7267 F: 613 224 3726 rsamhaber@ameresco.com ameresco.ca Ameresco Canada Inc. 106 Colonnade Rd N, Ste 200 Ottawa, ON K2E 7L5</p>	<p>Rishav Goel Account Executive, Sales Automated Logic - Canada, Ltd.</p> <p>Rishav.Goel@carrier.com T: (613) 599-7708 M: (343) 549-9260 88 Hines Road Ottawa, Ontario, CANADA K2K 2T8 www.automatedlogic.com</p> <p>A Carrier Company</p>	<p>Mark Csiffary P.Eng. President</p> <p>2470 Don Reid Drive Ottawa ON K1H 1E1 mark@baxtec.com www.baxtec.com W: 613-738-7450 C: 613-229-8277</p>
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ASHRAE OVC Seminars

Achieving Zero – Energy & Building Carbon

Tuesday, February 13th, 2024 ([LINK](#))

This program defines what Zero Energy and Zero Carbon means for buildings and the built environment. The strategies for achieving Zero Energy are discussed. The effect of carbon emissions on the climate are highlighted, and the pillars of building decarbonization are reviewed.

The program concludes with a review of ASHRAE’s activities addressing building decarbonization.

Seminar Location

TRANE
1024 Morrison Dr
Ottawa, ON
K2H 7J5

Seminar Agenda & Pricing

11:30am - 12:00pm	Registration
12:00pm - 2:30pm	Achieving Zero – Energy & Building Carbon

Lunch will be collected at the start of the event and eaten during Tom’s presentation. Pricing is \$100 for members and \$150 for non-members.

Please let me know if you have any questions.



**Committee
Chair**
Elikem Wotortsi
2023-2024 OVC
CTTC
Stantec

E-mail: Elikem.Wotortsi@stantec.com

 Belimo Aircontrols (CAN), Inc. 5845 Kennedy Road Mississauga, ON L4Z 2G3 Direct: +1 905-712-2046 Cell: +1 902-222-8599 Fax: +1 905-712-3124 gordon.inkpen@ca.belimo.com www.belimo.ca	ENGINEERING PERFORMANCE... ... mechanical, electrical, building automation, environmental, ... advanced sustainable building systems Patrick St-Onge, P. Eng. LEED AP 613-596-6454 bpa.ca 1960 Robertson Road, Suite 100, Ottawa, Ontario, K2H 5B9	ERIC MONTAMBEAULT President / CTO ✉ eric@controlsdepot.com 🏠 2-5509 Canotek Ottawa, ON K1J 9J8 📞 1-877-221-1477 🌐 www.controlsdepot.com Beyond Building Technologies
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President's Message



President
Adrienne Mitani
2023-2024
OVC President
Smith + Andersen

Thank you to everyone who came out to our January meeting, it was very well attended with a fantastic presentation by Nicholas Lea on Adiabatic Humidification, and tech session by Don Weekes on ASHRAE 62.1 updates. We are very fortunate to have so many local experts who are involved in the ASHRAE technical committees with knowledge of these topics. We have many technical committee members in Ottawa and Nicholas and Don are fantastic examples! If you are interested in getting involved, please reach out to myself, the CTTC chair Eli Wotortsi or our MP chair Elizabeth Primeau for more information.

E-mail:
Adrienne.Mitani@smithandandersen.com






The theme for the February meeting is CTTC, or Chapter Technology Transfer Committee, which is a long acronym for how chapter is transferring industry and ASHRAE information to our membership. That can be through this communicate newsletter, meetings, seminars and updates about technologies. We are always looking for ways to keep you aware of the changes happening in our industry. Since there is so much changing right now, ASHRAE is a fantastic way to keep up to date with industry trends. Interested in getting involved? Reach out to our fantastic CTTC chair Eli to learn how you can get involved.

We would also love to recognize your local project as part of our Technology Awards! We have six categories of projects that you can win with a deadline coming up in March! If you win at the local level, you can choose to submit to Region, and then potentially to Society level to win! I was lucky enough to get to Society with a residential project in 2023 so if you have any questions please reach out, the process is pretty easy and gets local recognition of your work!

As we head into the second half of our ASHRAE season, we have a lot going on in the next few months. Keep an eye on our website calendar page for updates including social events, seminars and more!

Hope to see you out during at our events!

Adrienne Mitani
2023-2024 OVC President

 <p>Brevin MacKay Engineering Sales / Account Manager Gorski, Plener and Associates (GPA inc) Ottawa, ON</p> <p>Direct: (613) 218-9686 Office: (343) 488-3000 Email: bmackay@gpainc.ca</p> 	 <p>Francis W.A. Bann, P. Eng. Director</p> <p>P. (613) 229-0445 E. fbann@gwal.com www.gwal.com Ottawa, ON</p> 	<p>Rod Lancefield P.Eng. LEED® AP Engineering Sales rod.lancefield@hts.com C 613.851.1997</p> <p>HTS Ottawa 830 Campbell Avenue Ottawa, Ontario K2A 2C2 T 416.661.3400 Ext: 2803 F 613.728.8032 Toll Free 1.800.850.0567 hts.com/ontario</p>  
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What You Missed

The 4th program meeting of the 2023/2024 OVC ASHRAE season was held on January 15th, 2024, at Centurion Conference and Events Centre. The meeting had 57 members, and 7 guests in attendance.

The program for the evening was Adiabatic Humidification Technologies for Decarbonization presented by Nicholas Lea, and the tech session was on ASHRAE Standard 62.1 Updates presented by Don Weekes.



Secretary
Matthew Moore
2023-2024
OVC Secretary
Chorley+Bisset

E-mail: matthew.moore@chorley.com

Business Session: President Adrienne Mitani called the meeting to order and acknowledged the Algonquin Nation and our industry's connection to the unceded land. Adrienne introduced the Executive, Board of Governors, then presented the guests. Elizabeth Primeau introduced new members, acknowledged companies that pay for meeting attendance, and discussed the upcoming Student Career Fair. Jayson Bursill spoke briefly on the theme of the evening, Young Engineers in ASHRAE. Marlee Spiegelberg provided a recap of the November bowling event and Elikem Wotortsi discussed CTTC events including upcoming tech awards, upcoming training in Toronto and certifications. Mitchell Geis announced the opening of registration for the ASHRAE Curling bonspiel in March. Evans Mutua gave an update on the ASHRAE Research campaign. Adrienne Mitani spoke briefly about the recent passing of a longstanding member of the chapter, Gary Hartmann. Longhill spoke briefly on their humidification line of from Condaire to recap their TableTop.

Presentation: Nicholas's presentation covered adiabatic humidification's role in decarbonization as a potential low energy method of humidification. An overview was provided on what relative and actual humidity in the built environment is and how it is calculated, as well as its role in comfort and health to occupants. Nicholas also provided a review of current technologies, both adiabatic and traditional, reviewing pros and cons, especially in the context of decarbonization.

Nicholas also discussed the inherent cooling effect in adiabatic type humidification that can be useful in spaces and processes that have high heat generation all year and can actually help reduce the cooling requirements for the space.

At the end of the evening, there was an RP raffle draw for four tickets donated by GPA Inc and won by Graham Holmes of SolutionAir.

The next meeting is scheduled for February 13th at the Centurion Conference and Event Center.

 <p>J.L. Richards ENGINEERS, ARCHITECTS, PLANNERS</p>  <p>Jim Evenson P.Eng., ing., LEED AP</p> <p>Senior Associate; Chief Mechanical Engineer</p> <p>jevenson@jrichards.ca T: 343-804-4385 C: 613-222-7209 www.jrichards.ca</p> <p>J.L. Richards & Associates Limited 343 Preston Street Tower II, Suite 1000 Ottawa Ontario K1S 1N4</p>	<p>Jp2g Consultants Inc.</p> <p>Mark MacIsaac, P.Eng. Mechanical Team Lead</p>  <p>1150 Morrison Drive, Suite 410 Ottawa, ON K2H 8S9 Cell: 613.697.4721 Email: MarkM@jp2g.com</p>	 <p>Chris Harrison President</p> <p>chrish@longhill.ca Phone and cell option 613-226-3856 ext. 24 Fax: 613-226-2715 124 Fleas Rd., Ottawa, Ontario K0A 1L0 www.longhill.ca</p> <p>The Energy Conservation People</p>
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News Update

ASHRAE's Latest Edition Performance Standard for Existing Buildings Shifts Focus to Decarbonization

ASHRAE has released the latest version of its energy efficiency standard for existing buildings, with an expanded focus to incorporate building decarbonization.

ANSI/ASHRAE/IES Standard 100-2024, Energy and Emissions Building Performance Standard for Existing Buildings is a code-ready building performance standard that provides processes and procedures for reducing energy consumption and carbon emissions through improved energy efficiency and performance of all types of existing buildings, including residential, commercial, institutional, and industrial. The latest edition of the standard includes carbon emissions performance requirements for existing buildings, as well as emissions targets for dozens of building types.

"As the demand grows for reduced energy use and carbon emission in existing building, there has been heightened interest in Standard 100 within the past year for its potential to shape building regulations on an expanded level," said 2023-24 ASHRAE President Ginger Scoggins, P.E., Fellow ASHRAE. "The development of this revised standard underscores our commitment to advancing sustainability measures and responding to the evolving needs of the industry."

A list of the awards and recipients are below.

Find out more here. Find out more [here](#).



**Committee
Chair**

Elikem Wotortsi

2023-2024 OVC

CTTC

Stantec

E-mail: Elikem.Wotortsi@stantec.com

ASHRAE Technology AWARDS

The ASHRAE Technology Awards recognize outstanding achievements by members who have successfully applied innovative building design in the areas of occupant comfort, indoor air quality and energy conservation. Their designs incorporate ASHRAE standards for effective energy management and IAQ. Projects are categorized as shown, and winners in each category are selected at the Chapter, Region, and Society levels. At the Society level, System Performance is proven through one year's actual, verifiable operating data. **The deadline for applying at the Chapter level is MARCH 1ST, 2024.**

For more information, visit www.ashrae.org/technologyawards or reach out to Elikem Wotortsi (CTTC Chair), David Eckel (CTTC Co-Chair), or Trevor Thomson (CTTC BOG Rep).

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



**Committee
Chair**

Elikem Wotortsi

2023-2024 OVC

CTTC

Stantec

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2024 Curling Bonspiel

The ASHRAE Annual Curling Bonspiel is returning in 2024! It will be held once again at the **Nepean Sportsplex** on **Friday, March 15th, 2024**.

We are looking for up to 20 teams (4 players per team) this year. As the costs of goods and services rise, the price per team has had to be increased to **\$500.00**.

There will be practice ice available between 11 am-11:45 am with the first rock of the Bonspiel being thrown at **12:00PM**. Dinner will follow at approximately 6:00 pm at the Richmond Room on site.

For food allergies any other questions, please contact Committee Chair Mitchell Geis at 613-714-6588 or Mitchell.geis@condair.com (email preferred).

We look forward to seeing everyone at the event once again next year!

Event Registration: [LINK](#).



Committee Chair

Mitchell Geis
2023-2024 OVC
Curling Bonspiel
Condair LTD.

E-mail: mitchell.geis@condair.com

YEA

The YEA Committee is excited to bring more events to you in the new year.

For now, if you are interested in **FREE HVAC Design Essentials Training**, YEA at the society level also offers scholarships to take the ASHRAE Learning Institute course. Applications are now open again. This is a great opportunity to build essential early career skills that are in demand in the field of buildings.

Resources:

HVAC Design Essentials Training Scholarship: [LINK](#).



Treasurer
Jayson Bursill
2023-2024
OVC Treasurer
Delta Controls Inc.

E-mail: jayson.bursill@gmail.com

 <p>Andrew Allen Brown, P.Eng Commercial & Industrial Sales Engineer aabrown@master.ca</p> <p>T 613-829-2816 x41104 C 613-262-6504 1 866 429-1977</p> <p>The Master Group 25h Northside Rd Nepean, ON K2H 8S1</p> <p>MASTER.CA</p>	 <p>Sylvain Chenier, P.Eng., ing. Associate Partner – Mechanical Sylvain.Chenier@mckeeottawa.ca</p> <p>1785 Woodward Drive Ottawa, ON K2C 0P9 CANADA Tel.: (613) 723-9585 x128 Fax.: (613) 723-9584 www.mckeeottawa.ca</p>	 <p>Joe Della Valle, C.E.T. Manager, Mechanical Sales & Engineering jdellavalle@odellassoc.com</p> <p>Cell: 613-897-6604 Tel: 613-366-2017 ext. 654</p> <p>24 Gurdwara Rd. Nepean, ON K2E 8B5</p> <p>www.odellassoc.com</p>
 <p>Stéphan Riffault, P.Eng. Branch Manager</p> <p>2310, St-Laurent Blvd., Unit 203 Ottawa (Ontario) K1G 5H9 613 565-2129, ext. 2128</p> <p>sriffault@regulvar.com www.regulvar.com</p>	 <p>Elaine Guenette P.Eng., LEED AP Principal</p> <p>E Elaine.Guenette@smithandandersen.com D 6136911853 M 3439612244</p> <p>530 - 1600 Carling Ave., Ottawa ON, K1Z 1G3 T 613 230 1186</p>	 <p>David Yin P.Eng., LEED AP Principal, Buildings Senior Mechanical Engineer</p> <p>300-1331 Clyde Avenue Ottawa ON K2C 3G4</p> <p>david.yin@stantec.com Direct: 613-725-5573 Mobile: 613-323-4964 Fax: 613-722-2799</p> 

Membership Update

Hello OVC!

As always it is my pleasure to wish a very warm welcome to the new members that have joined the Chapter since our last communique article:

- Jose Gilberto Joma
- Zelig Li
- Christopher Leonard Ledamun
- Caleb Thuswaldner
- Scott Cooper
- Dave Lapointe P.Eng.
- Ahmed Mohammad Abdul Rada, P.Eng.
- Dr Calene Baylis

Welcome to our Chapter!

To associate members those who have been with us for a while: it might be time for a grade advancement to Full Membership. There are many reasons to do so:

1. Prestige! There is honour in being a Full Member of ASHRAE and receiving your membership certificate.
2. To serve in a chapter officer role: We believe that ASHRAE membership is vital to our individual careers and the leadership training available for very modest priced annual dues. To achieve the additional training (beyond committee chairs) available at the officer level, full grade membership is prerequisite.
3. To serve in a regional role: Additional leadership training is available at regional and Society levels.
4. To qualify for ASHRAE Fellow and other Society awards: The term "Fellow" is widely recognized in many technical, educational, and research societies and honors exceptional achievement and service. This and other society awards have Member Grade as a prerequisite.
5. You can add Member ASHRAE to your email tag: This simple addition to your email signature increases awareness of ASHRAE, provides free advertising, and adds prestige to the member and their company.
6. Society recognition in Insights: All 57,000 plus members receive a copy of Insights.
7. Proves to your employer that you take your career seriously. You differentiate yourself from colleagues by maintaining membership and take the further step of advancing to Full Member status.
8. Proves to your professional community that you take your career seriously. Advertising full member status proves that you have established a long-term relationship with an important society serving the HVACR industry.

To advance your grade: you must update your ASHRAE bio online, and notify membership@ashrae.org that you have an updated bio and wish to be considered for grade advancement.

Steps for updating your biography:

1. Log into www.ashrae.org by selecting 'Join or Login' in the upper right corner. Enter your email address and password then select 'Sign In.'
2. Select "My Account" in the upper right corner of the homepage.
3. Select the 'Biographical Information' tab along the top tab options. Add all of your educational history, relevant professional licenses and work history.



Committee Chair

Elizabeth Primeau

2023-2024 OVC
Membership Promotion
Committee

Total HVAC

E-mail: elizabeth.primeau@totalhvac.com

Research Promotion



**President-Elect
Evans Mutua**
2023-2024 OVC
Research Promotion
Committee
City of Ottawa

E-mail: Evans.mutua@ottawa.ca

The January 2024 meeting at the Centurion Centre was very well attended and I'd like to thank everyone for making it despite the cold weather. Special thanks to all that contributed to Research Promotion by purchasing raffle tickets, helping us raise \$520. Thank you to GPA Inc. for donating the raffle prize, tickets to the Ottawa Senators – Nashville Predators hockey game. Congratulations to our lucky winner for the night, Graham Holmes of SolutionAir Group. We also had recognition table tents at each table to recognize our valued sponsors. If you'd like to see your name or your company's logo at the January meeting, don't hesitate to donate through any of the links below. Thanks to their raffle prize donation, GPA is now a Bronze level donor!

Thanks to Engineered Air for donating the raffle prize for the upcoming February meeting. The prize will be four tickets to the Ottawa Senators – Carolina Hurricanes game on Sunday March 17th which will include \$100 in food & beverage credits as well as a Lot 1 parking pass. Don't miss out!

In case your membership is up for renewal, it is highly recommended to make the donation at the same time as you renew your membership as this is the quickest way to do it.

You may also donate by sending a cheque, payable to ASHRAE Ottawa Valley Chapter to this address:

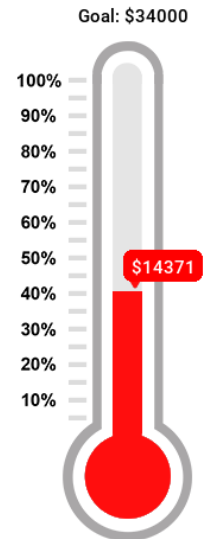
P.O. Box 21088, 1166 Bank St, Ottawa, ON K1S 3X7, or contact me to pick it up from you.

Do not hesitate to contact me with any questions:

Evans Mutua
ASHRAE OVC Research Promotion Chair 2023-2024
Evans.Mutua@ottawa.ca

Thank you for your continued support!

ASHRAE Society link: <https://www.ashrae.org/about/invest-in-the-rp-campaign>
ASHRAE OVC link: <https://ashraeottawa.simplesignup.ca/en/13058/index.php?m=eventSummary>



ASHRAE Partner \$5,000 - \$9,999	ASHRAE Associate \$2,500 - \$ 4,999	Major Donor Silver \$1,000 - \$ 2,499	
	Total HVAC	ProEng Consulting E.H. Price Mastron Mechanical Ainsworth	
Major Donor Bronze \$500 - \$999	Major Donor Antique \$250 - \$499	Honor Roll Individuals \$100 - \$249	
Condair Controls Depot TRANE GPA	Joel Primeau Evans Mutua	Mike Swayne Trevor Thomson Adrienne Mitani Josh Bourbonniere Jayson Bursill	David Michelin Steve Moons Abbey Saunders Matthew Moore Adam Graham
Special Thanks to the following donors for their contribution: David Fanset, Heather Turcotte, Dr. Martino Fanfani, Chris Brown, Jeff Jarvis			

Student Activities

We are always pushing for further recruitment of student members, so if there are any of your eligible colleagues that are interested in learning more about or joining ASHRAE, please contact Student Activities at Zacharie.lanthier@smithandandersen.com, or help them sign up through the ASHRAE website (www.ashrae.org). Student members can take advantage of savings towards their membership dues, on top of the countless other benefits of becoming ASHRAE and OVC members, as well as the many activities planned for the year!

We would like to thank members who have been sponsoring student meals for the previous meetings and who continue to do so, and we would like to encourage our members to do the same in order to help welcome as many students as possible to these meetings. These meetings present a fantastic learning and networking opportunity for the students, as many of them may be new to the industry and this may be their first step in the door towards our industry. Your generosity and assistance is always appreciated! For members that are looking to sponsor additional student meals for future meetings, please use the QR code shown.

We are also starting a fundraising initiative for the newly published "[Lucy's Engineering Adventures](#)" books to be able to donate these books to local elementary schools on behalf of our chapter! We are hoping to put in monthly orders until the end of the ASHRAE year and we're looking for your help. You can find the link by following the QR code shown. The Ottawa Valley Chapter is grateful for your support in this initiative, and we will commemorate all donors at the May Meeting!



Committee Chair
Zach Lanthier
2023-2024 OVC Student Activities Committee
Smith + Andersen

E-mail:
zacharie.lanthier@smithandandersen.com



ASHRAE OVC Career Fair

The 2024 ASHRAE OVC Career Fair is happening very soon! March 21st, 2024 will be the perfect opportunity for soon-to-be graduates to pursue future employment with a wide range of industry leading companies, and for these companies to recruit motivated graduates to join their teams and introduce them to our industry.

Join us from 2:30pm -6:30pm on March 21st at the Fenn Lounge at Carleton University! Students and employers/companies can sign up with this [link](#), and sponsorship opportunities are also available. If you have any questions, please reach out to Zacharie.lanthier@smithandandersen.com.

We look forward to seeing you all there!



Committee Chair
Zach Lanthier
2023-2024 OVC Student Activities Committee
Smith + Andersen

E-mail:
zacharie.lanthier@smithandandersen.com

Government Affairs

Matthew Moore – Government Affairs Chair 2023-2024

Ghina Annan– Government Affairs Committee 2023-2024



Secretary
Matthew Moore
2023-2024
OVC Secretary
Chorley+Bisset

DOE Better Buildings Webinar Series Continues with January Events

The Better Buildings Webinar Series takes on the most pressing topics facing energy professionals and the built environment. Industry experts will be leading the conversations on proven best practices, cost-effective strategies, and new ways to approach sustainability and energy performance. The January offerings in this series include:

- [The \(Not So\) Shocking Shift Towards Industrial Electrification](#) on Tuesday January 23 at 11:00am ET.
- [3-2-1 Action: Transforming Climate Plans into Action](#) on Tuesday January 30 at 11:00am ET.

E-mail: matthew.moore@chorley.com

You can learn more about the agenda and presenters for these upcoming events, see future offerings, and find recordings of past webinars, and register for these upcoming webinars [here](#).

IEA Webinar: Doubling Energy Efficiency Improvements

The International Energy Agency held a webinar on January 16, which is still viewable online regarding the call by governments around the world at COP28 for a “doubling of the global average annual rate of energy efficiency improvements” in this decade. This webinar explores how investments can be delivered to meet this target, how it can be measured, and what governments can do to support this goal. To view the webinar, please visit here: [LINK](#).

DOE Releases New Rules for Residential Refrigerators and Freezers and Commercial Fans and Blowers

The U.S. Department of Energy (DOE) announced two new efficiency rules expected to significantly reduce greenhouse gas emissions and save \$92 billion in utility costs. The first rule updates decade-old standards for residential refrigerators and freezers, a result of collaboration between environmentalists and manufacturers. The second rule proposes efficiency standards for commercial fans and blowers, a first-of-its-kind at the federal level, aiming to save businesses \$56 billion over 30 years. The new refrigerator and freezer standards, set to be implemented in February 2029, are designed to reduce energy usage by an average of 11%.

DOE Issues RFI for Definition of Zero Emissions Building

On January 3, the U.S. Department of Energy (DOE) Building Technologies Office (BTO) issued a Request for Information (RFI) on the draft National Definition for a Zero Emissions Building. The information being sought relates to “part 1” of the proposed definition, which concentrates on zero operating emissions. It outlines criteria for zero emissions buildings to be highly energy-efficient, free of on-site emissions from energy use, and powered exclusively by clean energy. Future segments of the definition will likely include considerations like embodied carbon and refrigerants.





 <p>Carlo De Luca Regional Sales Manager</p> <p>† 800 561 3449 c 514 806 9217 e carlo@tamcodampers.com</p>	 <p>Steve Moons, P.Eng. Principal</p> <p>4A - 1050 Baxter Rd. P: 613-723-4611, ext. 106 Ottawa, Ontario C: 613-229-5806 Canada, K2C 3P1 E: steve.moons@totalhvac.com W: www.totalhvac.com</p>	<p>Glenn Jones B.Eng LEED AP BD+C Sales Manager - HVAC Systems</p>  <p>1024 Morrison Drive Ottawa, ON K2H 8K7 613-356-1940 / Cell 514-951-7809 613-820-8111 / Fax 613-820-1414 gjones@trane.com www.trane.com</p> 
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Table-Top Presentations

If you're looking to communicate the value of your product, there is no better way than to invest in a tabletop at an upcoming ASHRAE OVC meeting. Highly attended and highly regarded, our monthly meetings can afford you the opportunity to display your new technologies to an eager group of HVAC/R engineers and contractors. If you wish to review the themes of each meeting to find an appropriate topic, please feel free to contact us. These meetings provide a captive audience in the industry and exposure to 40+ people.

We are currently reserving tabletop openings for this ASHRAE year.

Please contact Jayson Bursill (jayson.bursill@gmail.com) to secure yours today! Cost for tabletops for this month's event is \$225.00 and spaces are filling up quickly, so book your tabletop today!

Payment is to be made through the online system prior to the date reserved. Follow the link [here](#).

February meeting:

GPA Inc. - Custom HVAC Solutions



"At GPA we take great pride in our employees, with a focus on hiring and retaining the right people. People whose abilities benefit our HVAC projects, from design assistance, correct equipment selection, to project management and field commissioning. We continue to value the ethics established by the two founders Jan Gorski (P.Eng.) and Jeff Plener (P.Eng.) – honesty, integrity, and attention to detail.

Founded in 1989, GPA Inc is a trusted name in HVAC engineering in the GTA and beyond. Over the last decade, the company has tripled in size, added GPA Factory Service, and expanded with salespeople for Hamilton, London and Ottawa."

- GPA Inc. Website

 <p>WALMAR Mechanical Sales Limited MANUFACTURERS, AGENTS & DISTRIBUTORS</p> <p>Chris Brown</p> <p>Tel: 613.225.9774 Fax: 613.225.0673 e-mail: chrisbrown@walmart.net www.walmart.net 24 GURDWARA ROAD, NEPEAN, ONTARIO K2E 8B5</p>	<p>Yorkland Controls</p> <p>Vinodh Lakshman Regional Sales Director vin@yorkland.net</p> <hr/> <p>ENVIRONMENTAL SOLUTIONS 1050 Baxter Rd, Unit 6A m. 613-880-8188 Ottawa, ON K2C 3P1 f. 613-721-4906 yorkland.net tf. 877-733-3833</p> <hr/> <p> WILES-LEGAULT.COM HVAC CONTROLS</p> <p>1260 Old Innes Rd, Unit 605 t. 613-747-1867 Ottawa, ON K1B 3V3 f. 613-745-6042 tf. 800-720-7757</p>	
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Advertising

Advertising career opportunities on the **ASHRAE Ottawa Valley Website** makes good business sense. We offer a unique way to reach technical professionals and make your ad dollars work hard for you.

To discuss your needs, contact one of our chapter officers, via our "This Year" page. Increase the impact of your advertising through the **ASHRAE Ottawa Valley Website**

Rates for **career opportunities** ads are as follows:

Chapter Member:

\$50/month
\$80/2 months
\$100/3 months

Non-member:

\$250/month

Note: Purchase of additional months will only have a discounted rate if purchased up front. Otherwise the standard rate will apply for additional months.

Placement of an Ad

We suggest that you complete and submit our advertisement form to speed up the processing of your request. If you have provided your e-mail address, a confirmation receipt e-mail will be sent to you for reference.

Please note that ads require prepayment made to the treasurer. Please register and pay through the online system and contact **Jayson Bursill** (jayson.bursill@gmail.com) with any questions. Follow the link below for payment.

The ads will appear on the website until the end date for publication provided in the submitted form. To extend the ad, please resubmit the form with the new publication dates and the required prepayment amounts.

Link:

<https://ashraeottawa.simplesignup.ca/en/13057/index.php?m=eventSummary>

Business Card Ads

You can support your chapter and promote your business by placing your business card in the Capital Communiqué. It will also appear on the chapter website.

The cost is **\$275.00** for the year. Please contact **Jayson Bursill** at jayson.bursill@gmail.com for more details.

Payment will be made through the online system. Follow the link below for payment.
[Simple Sign Up - Payment](#)

Ads will **now require prepayment**. All last year's ads will appear in the Communiqué for the first month of this year to allow time for payment for the upcoming year. Ads will be refreshed accordingly in the second Communiqué.



Treasurer
Jayson Bursill
2023-2024
OVC Treasurer
Delta Controls Inc.

E-mail: jayson.bursill@gmail.com



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Jayson Bursill
2023-2024
OVC Treasurer
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E-mail: jayson.bursill@gmail.com

2023-2024

President

Adrienne Mitani

President-Elect

Evans Mutua

Treasurer

Jayson Bursill

Secretary

Matthew Moore

Governors

Mike Swayne

Josh Bourbonniere

Trevor Thomson

Philip Mayfield

Past President

Ryan Dickinson

Committees

Attendance

Jayson Bursill

Audit

Ryan Dickinson

Capital

Communiqué

Pat Melville

CRC

Adrienne Mitani

Evans Mutua

CTTC

Elikem Wotorts

DEI

Marlee Spiegelberg

Financial

Amanda Cuirrier

GAC

Matthew Moore

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Elizabeth Primeau

Nominations

Steve Moons

PAOE

Evans Mutua

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Trevor Thomson

Student Activities

Zacharie Lanthier

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Jayson Bursill

Website

Connor Patterson

YEA

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